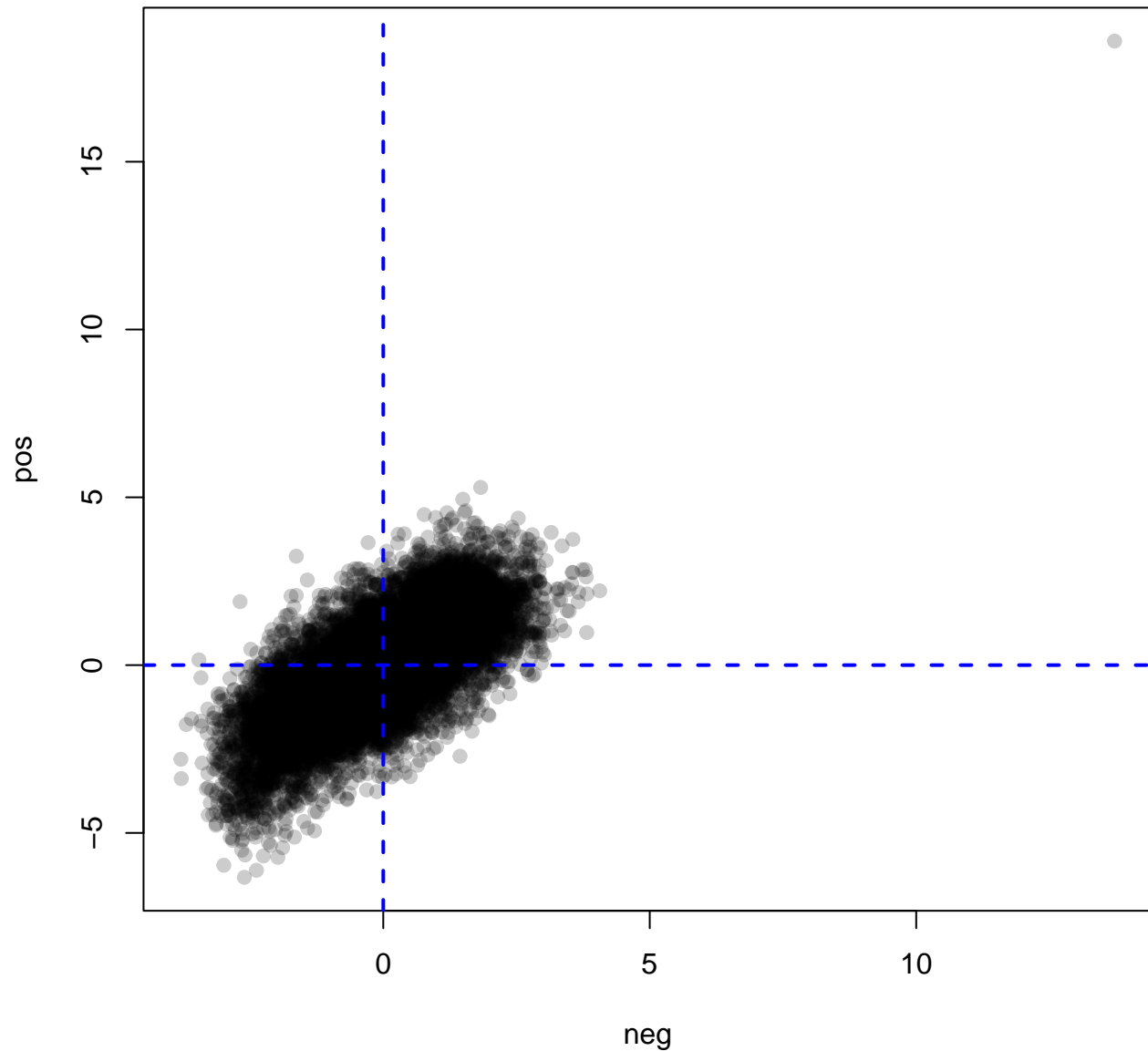
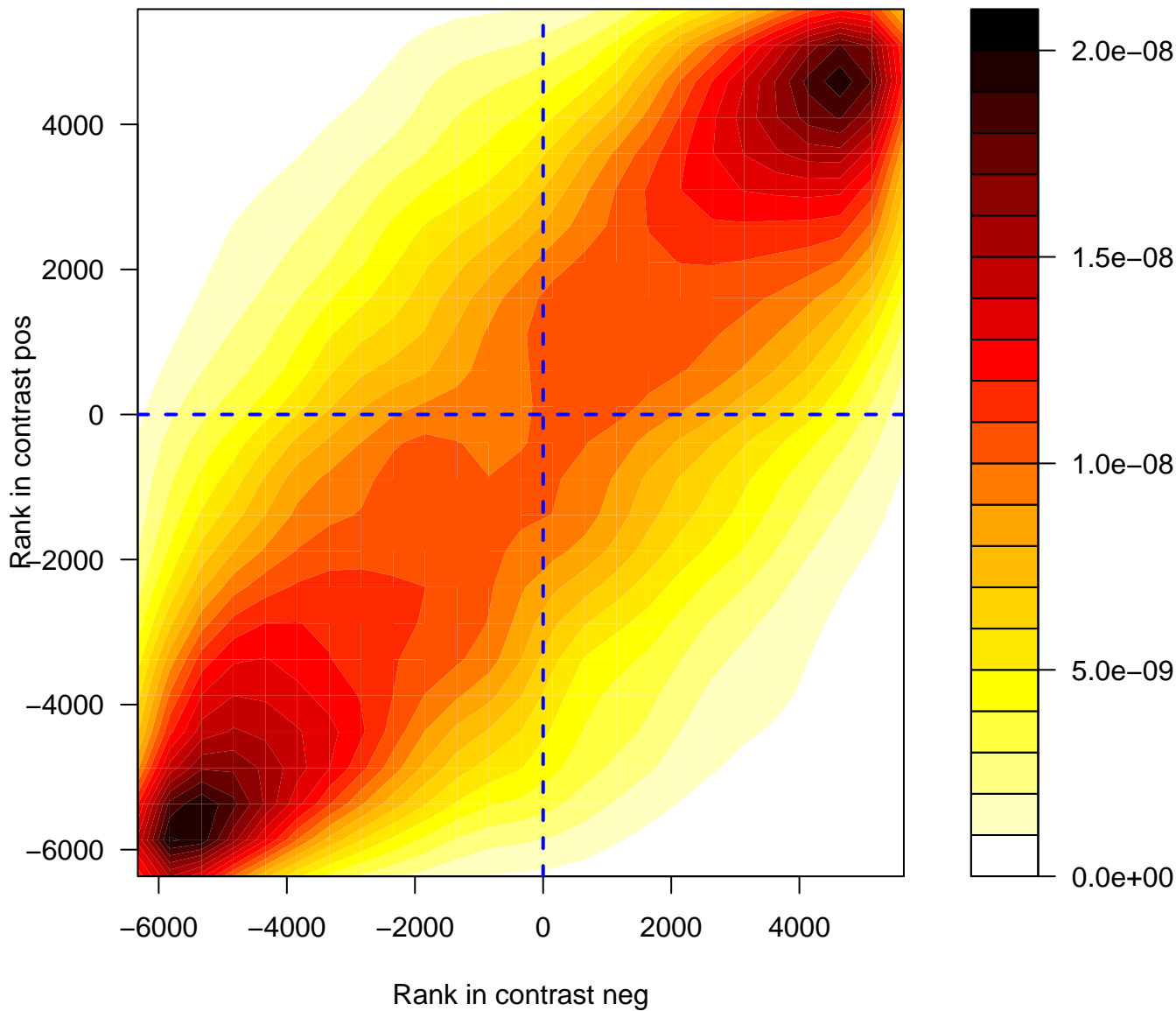


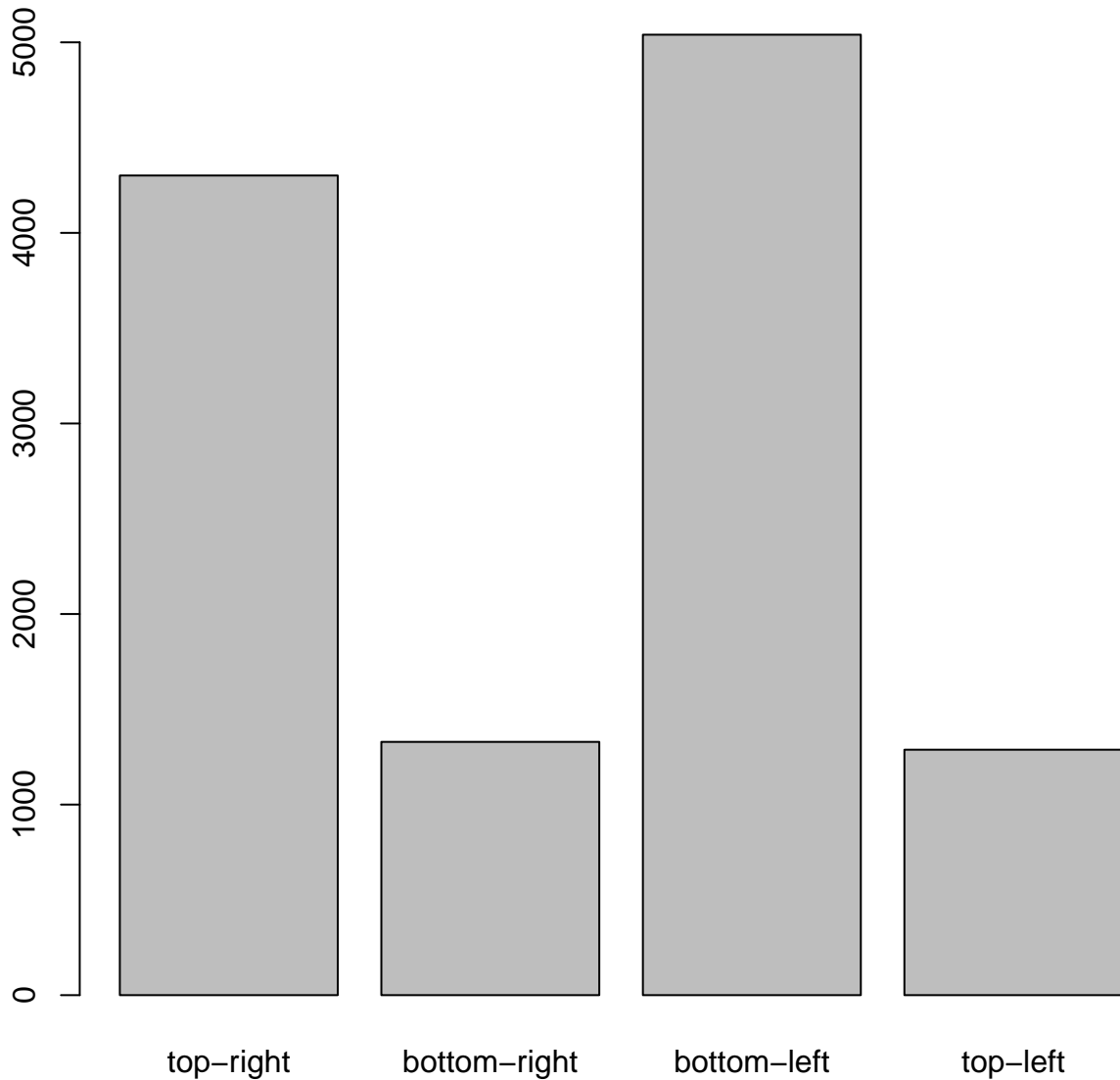
Scatterplot of all genes



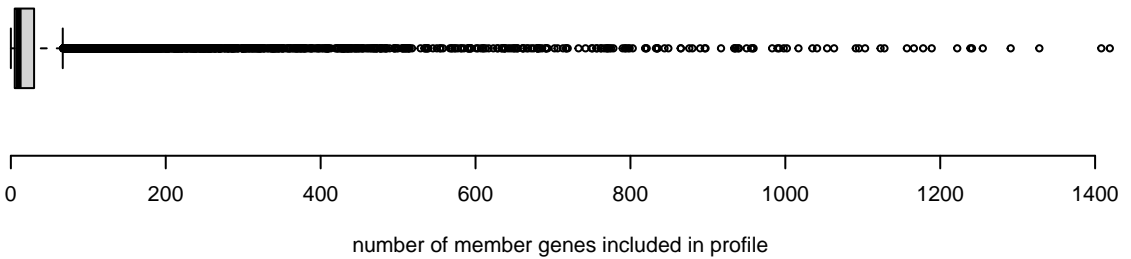
Rank-rank plot of all genes



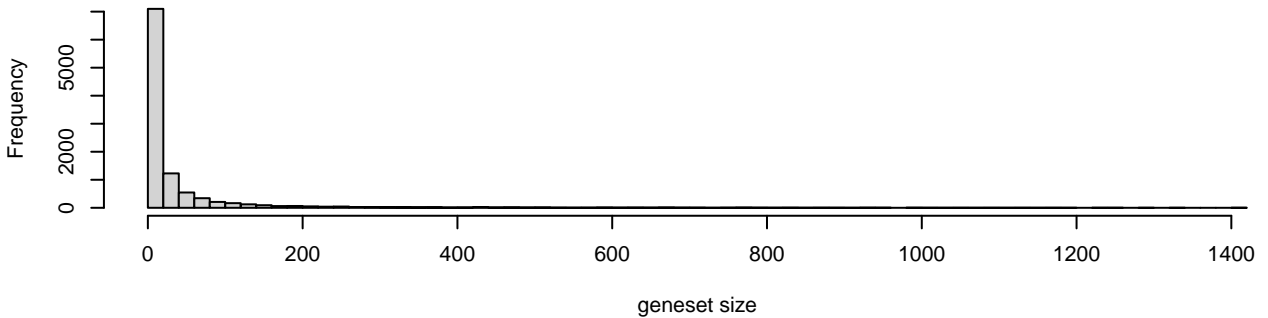
number of genes in each quadrant



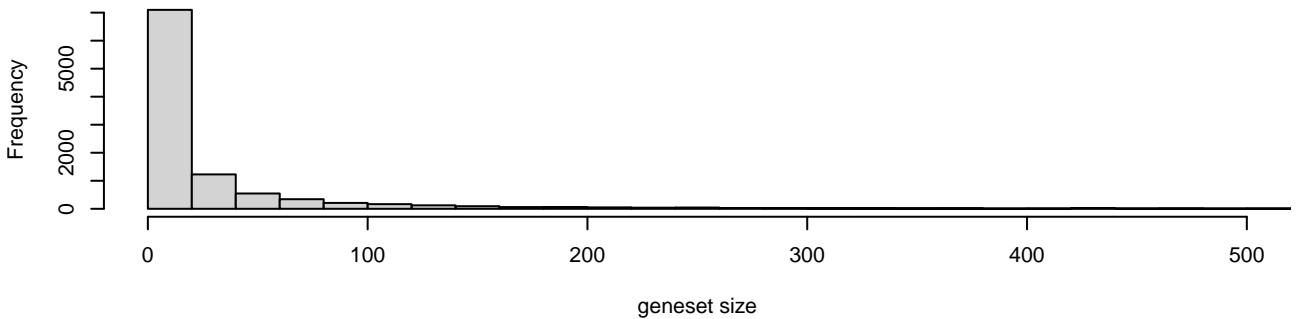
Gene set size



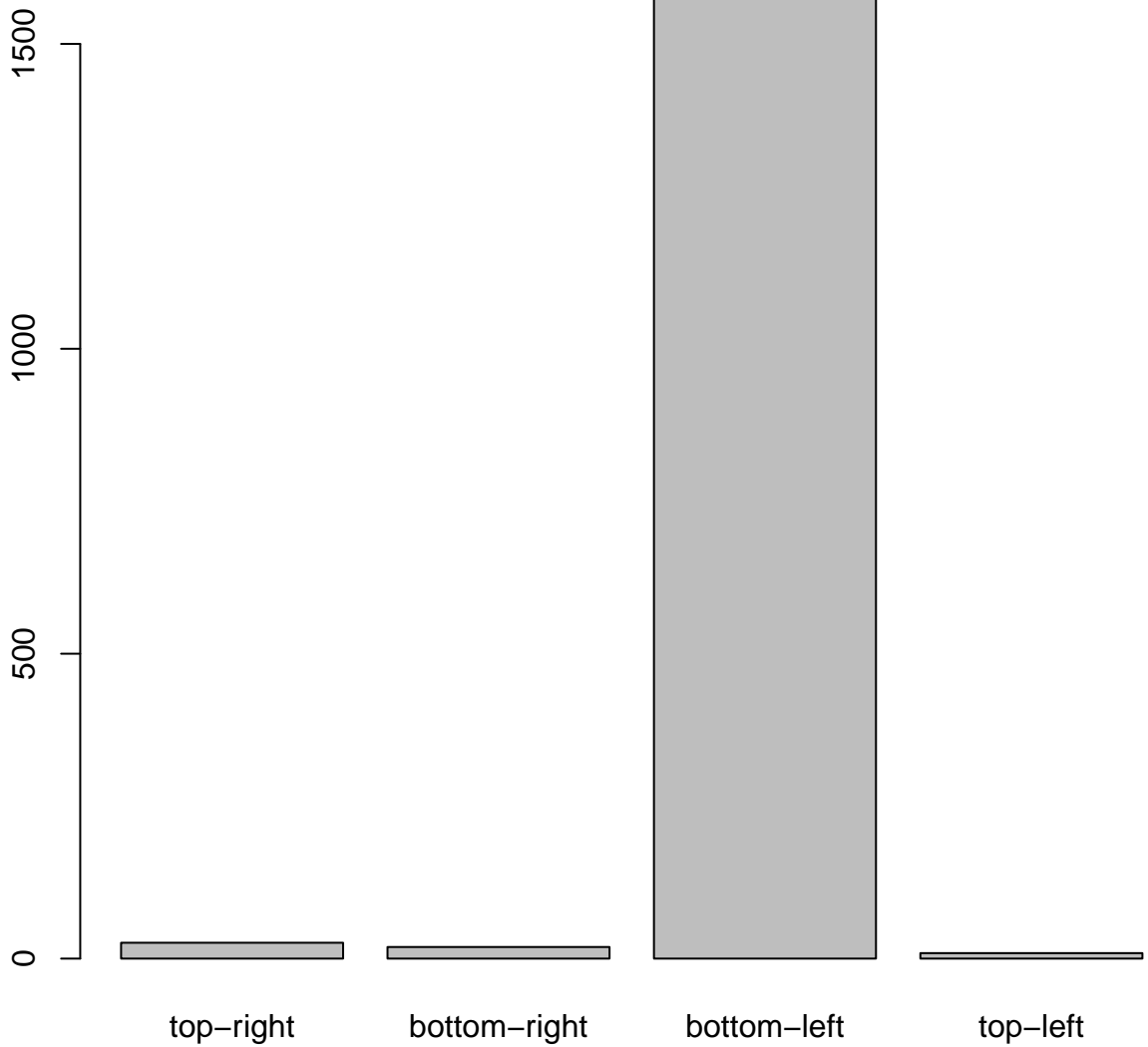
Histogram of geneset size



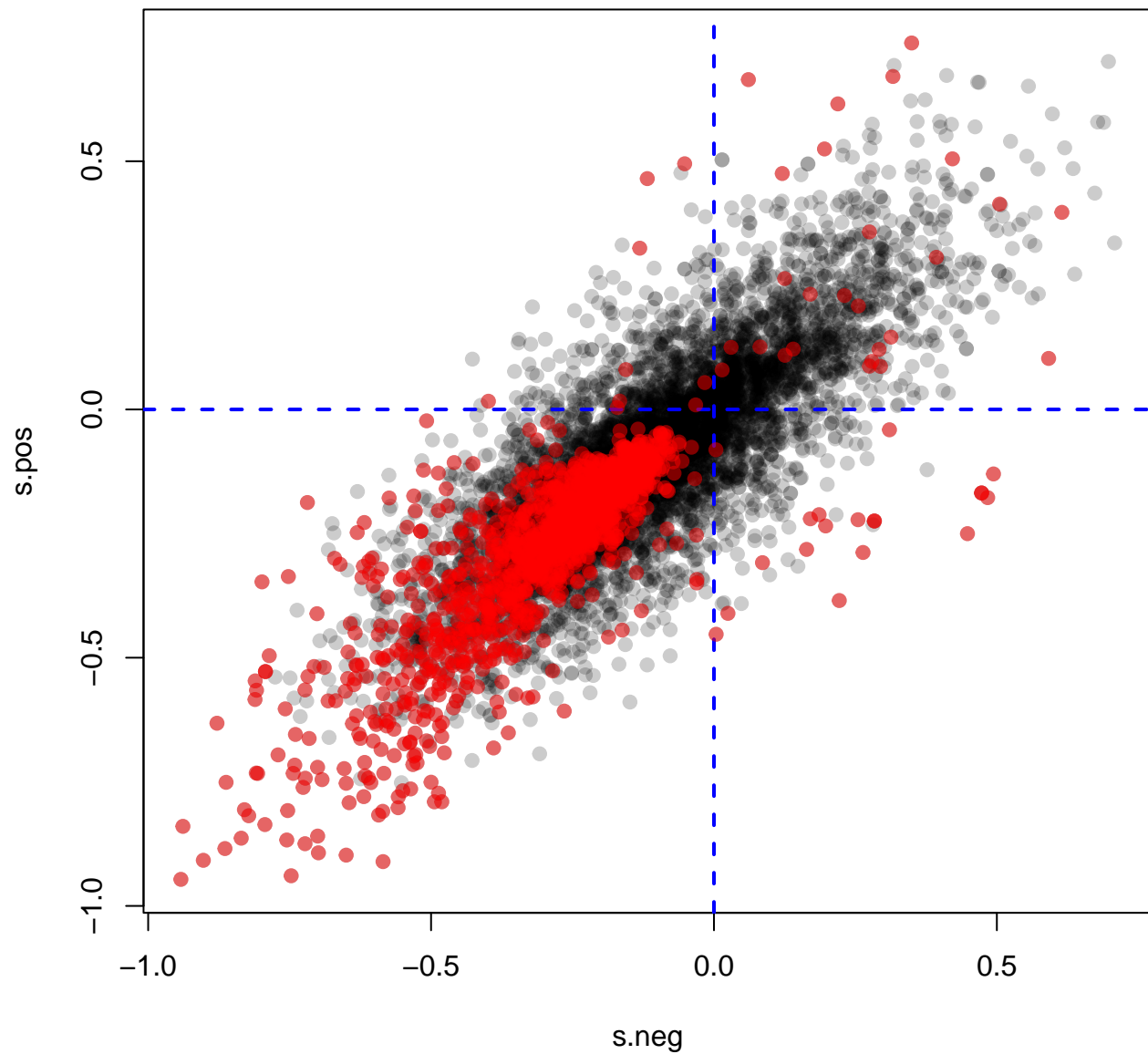
Trimmed histogram of geneset size



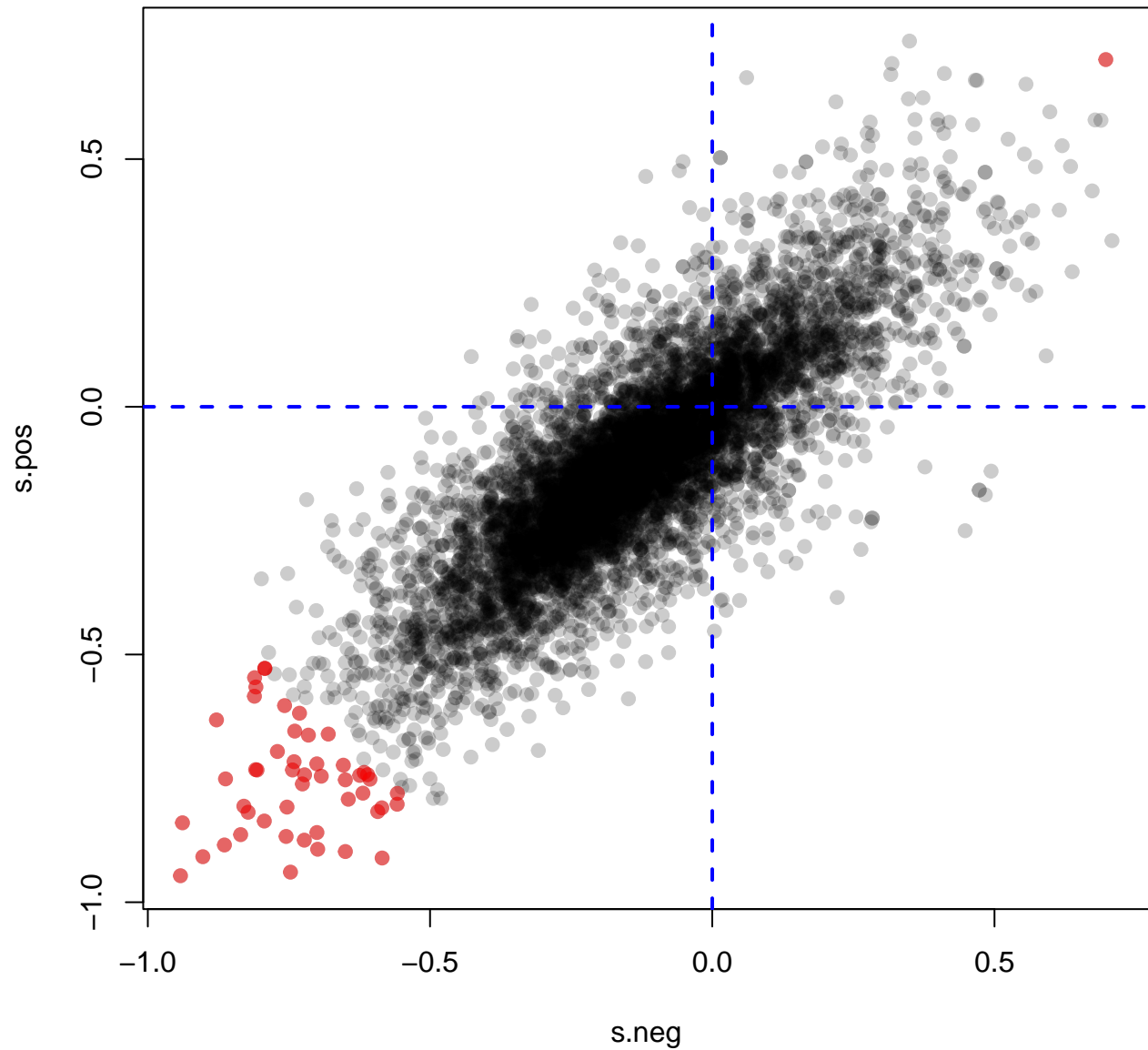
number of genesets FDR<0.05



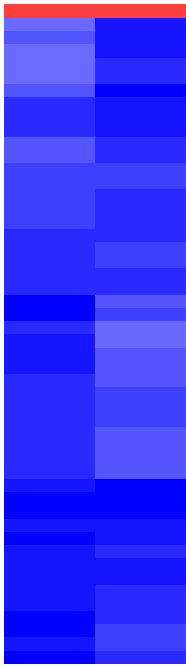
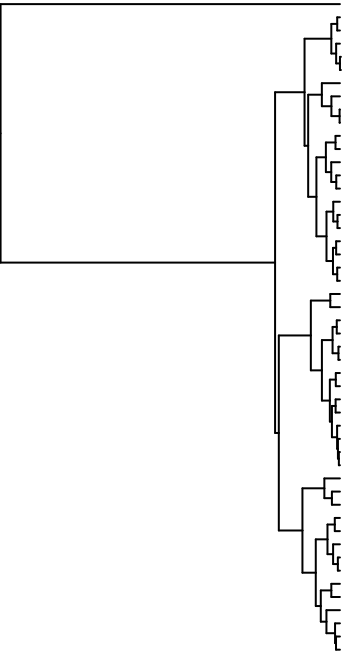
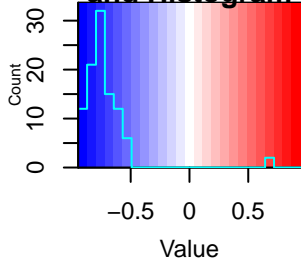
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 50 in red



Color Key and Histogram

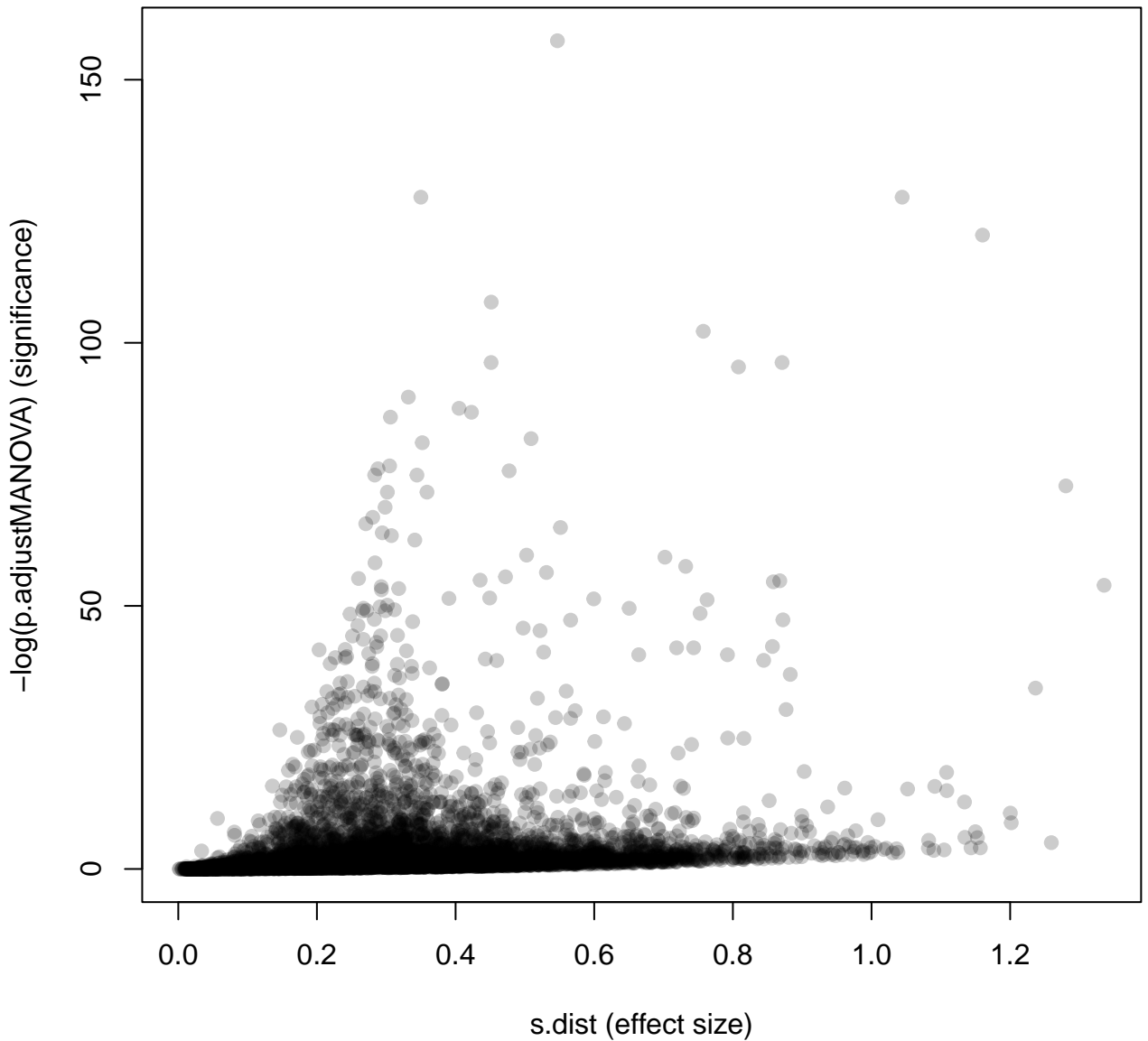


- GOCC CRD MEDIATED MRNA STABILITY COMPLEX
- GOMF TPR DOMAIN BINDING
- GOBP CELL SUBSTRATE JUNCTION DISASSEMBLY
- GOBP POSITIVE REGULATION OF OXIDATIVE STRESS INDUCED INTRINSIC
- GOBP MITOCHONDRIAL ELECTRON TRANSPORT CYTOCHROME C TO OXY
- GOBP INTERLEUKIN 2 MEDIATED SIGNALING PATHWAY
- GOBP ESTABLISHMENT OF MITOTIC SISTER CHROMATID COHESION
- GOBP REGULATION OF METALLOENDOPEPTIDASE ACTIVITY
- GOBP CYTOPLASMIC TRANSLATION
- GOMF PROFILIN BINDING
- GOCC RESPIRATORY CHAIN COMPLEX IV
- GOCC PROTON TRANSPORTING ATP SYNTHASE COMPLEX
- GOMF UBIQUITIN PROTEIN TRANSFERASE INHIBITOR ACTIVITY
- GOBP MITOCHONDRIAL ELECTRON TRANSPORT UBIQUINOL TO CYTOCHR
- GOCC NURF COMPLEX
- GOBP 7 METHYLGUANOSINE CAP HYPERMETHYLATION
- GOBP ACTIVATION OF JANUS KINASE ACTIVITY
- GOCC MHC CLASS I PEPTIDE LOADING COMPLEX
- GOCC CYTOSOLIC LARGE RIBOSOMAL SUBUNIT
- GOCC ARP2 3 PROTEIN COMPLEX
- GOCC MHC CLASS I PROTEIN COMPLEX
- GOCC CYTOSOLIC RIBOSOME
- GOMF UBIQUITIN LIGASE INHIBITOR ACTIVITY
- GOCC PROTON TRANSPORTING ATP SYNTHASE COMPLEX COUPLING FAC
- GOMF TAP BINDING

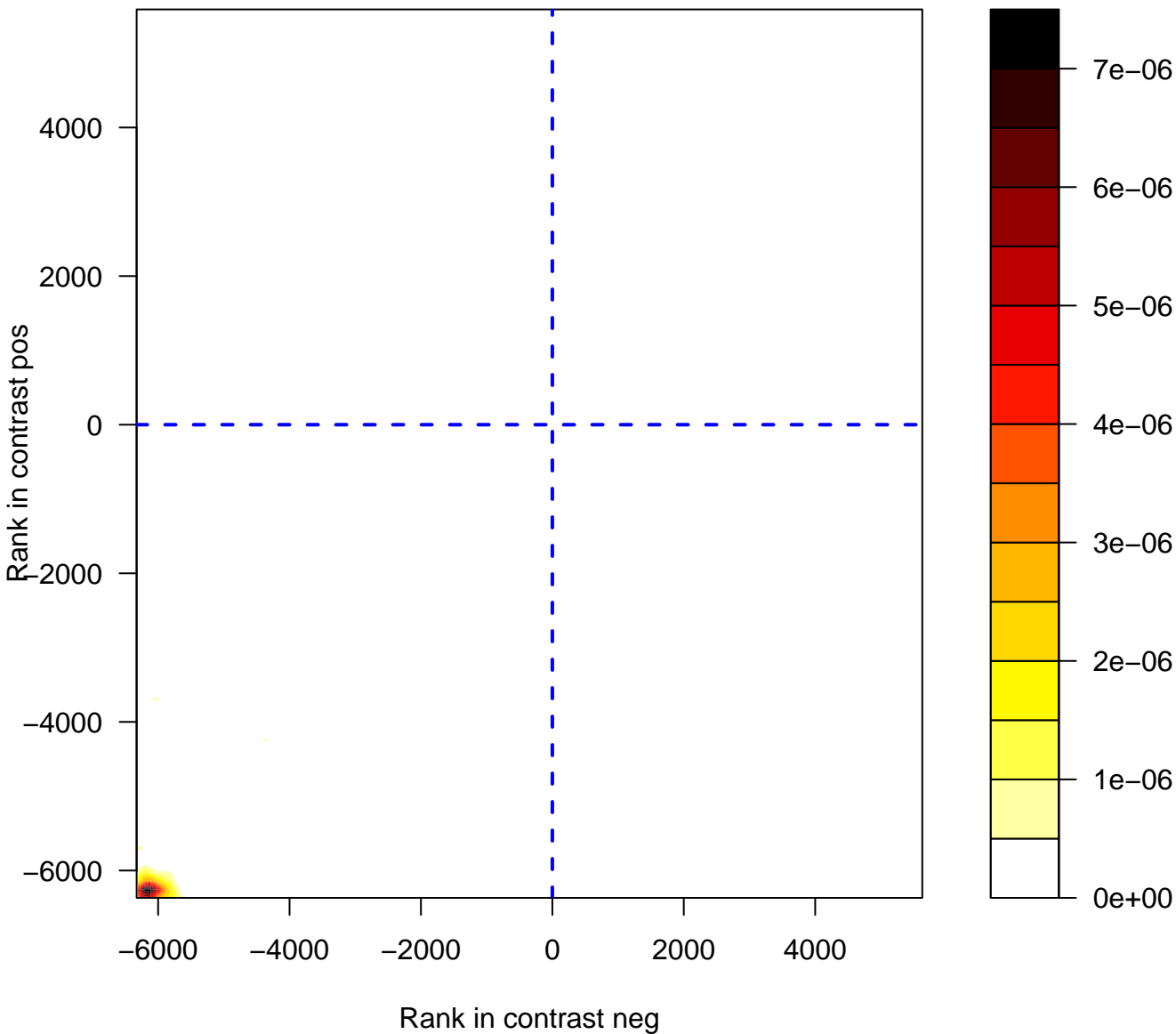
pos

neg

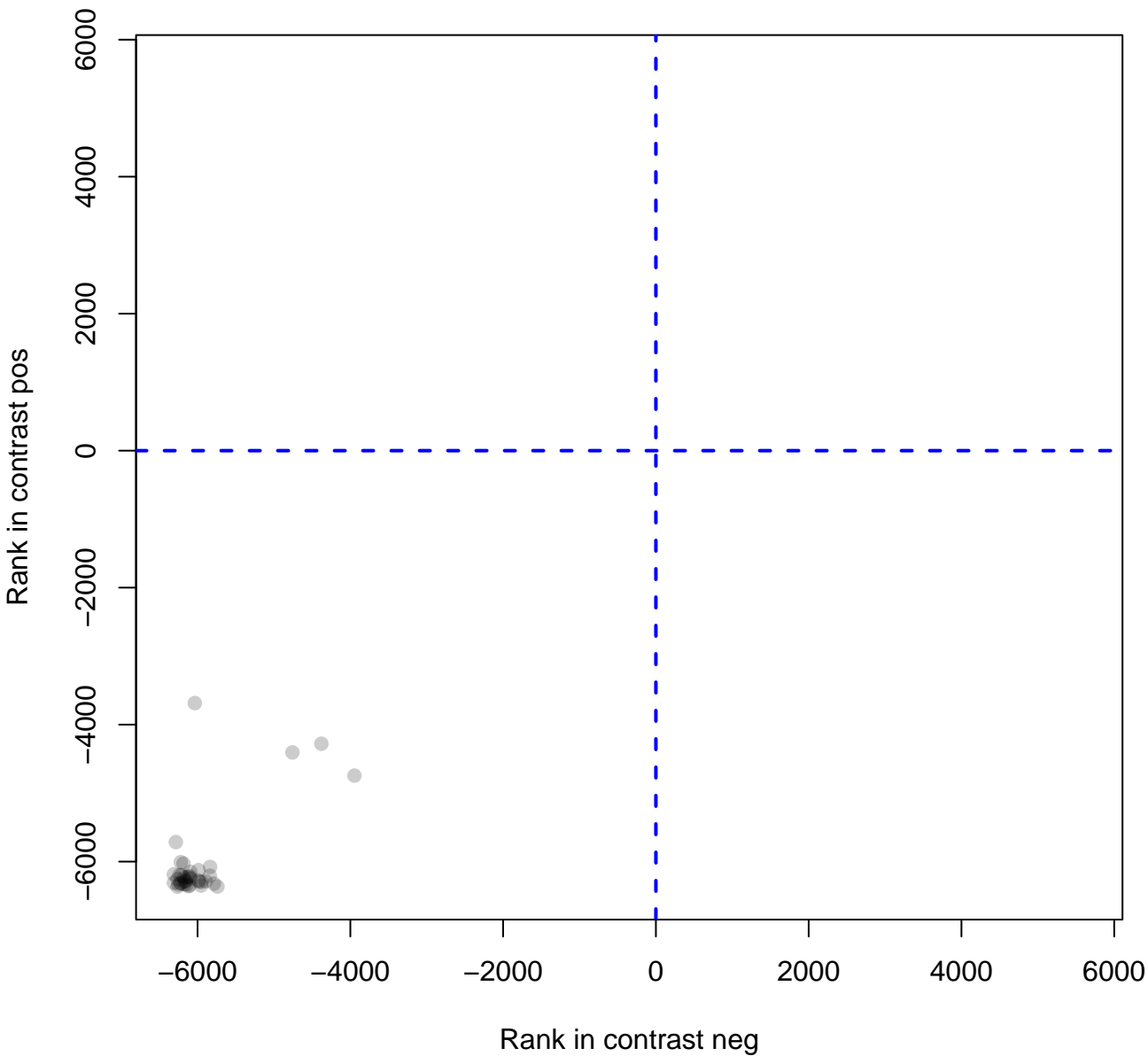
effect size versus statistical significance



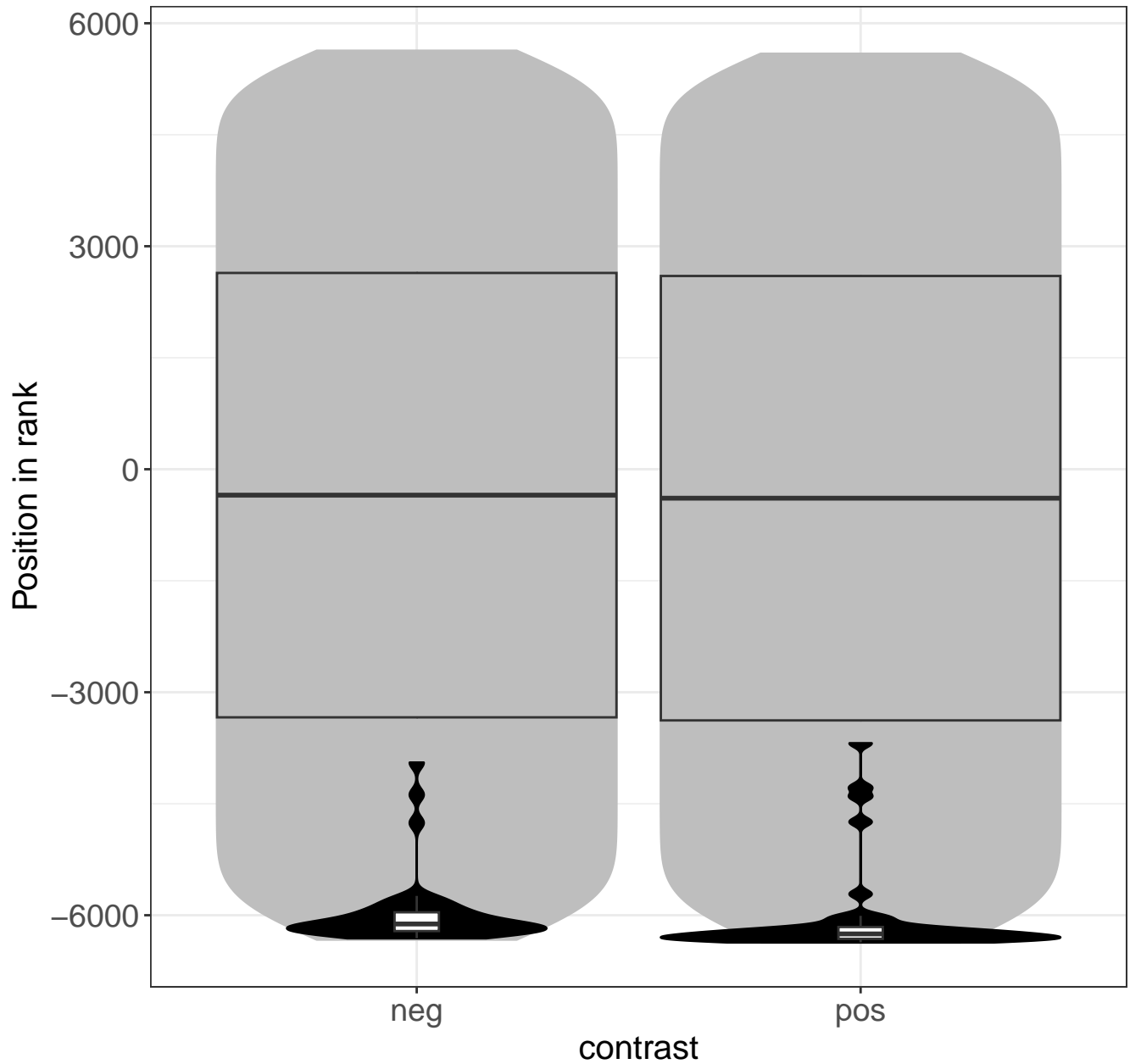
GOCC CYTOSOLIC SMALL RIBOSOMAL SUBUNIT



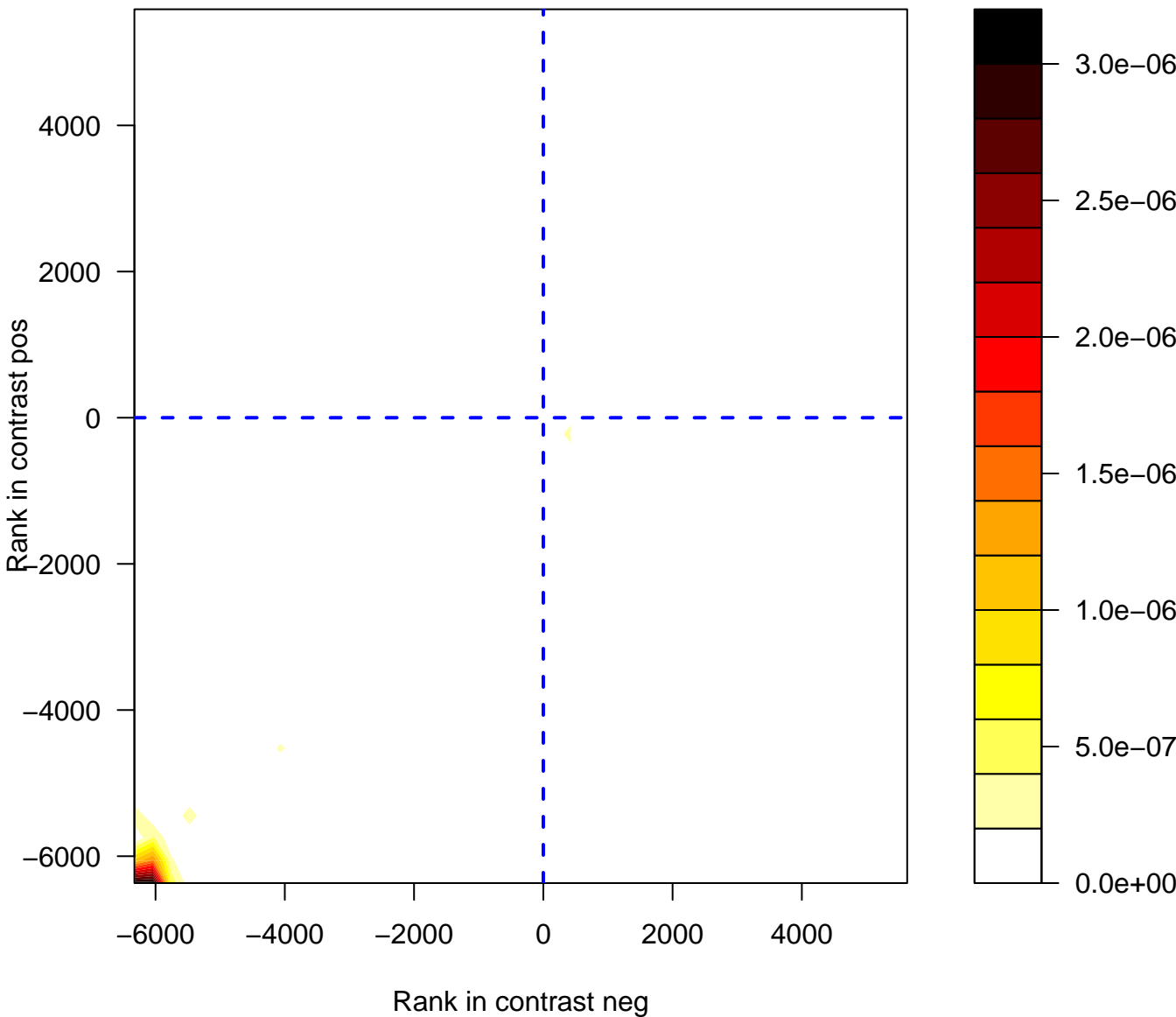
GOCC CYTOSOLIC SMALL RIBOSOMAL SUBUNIT



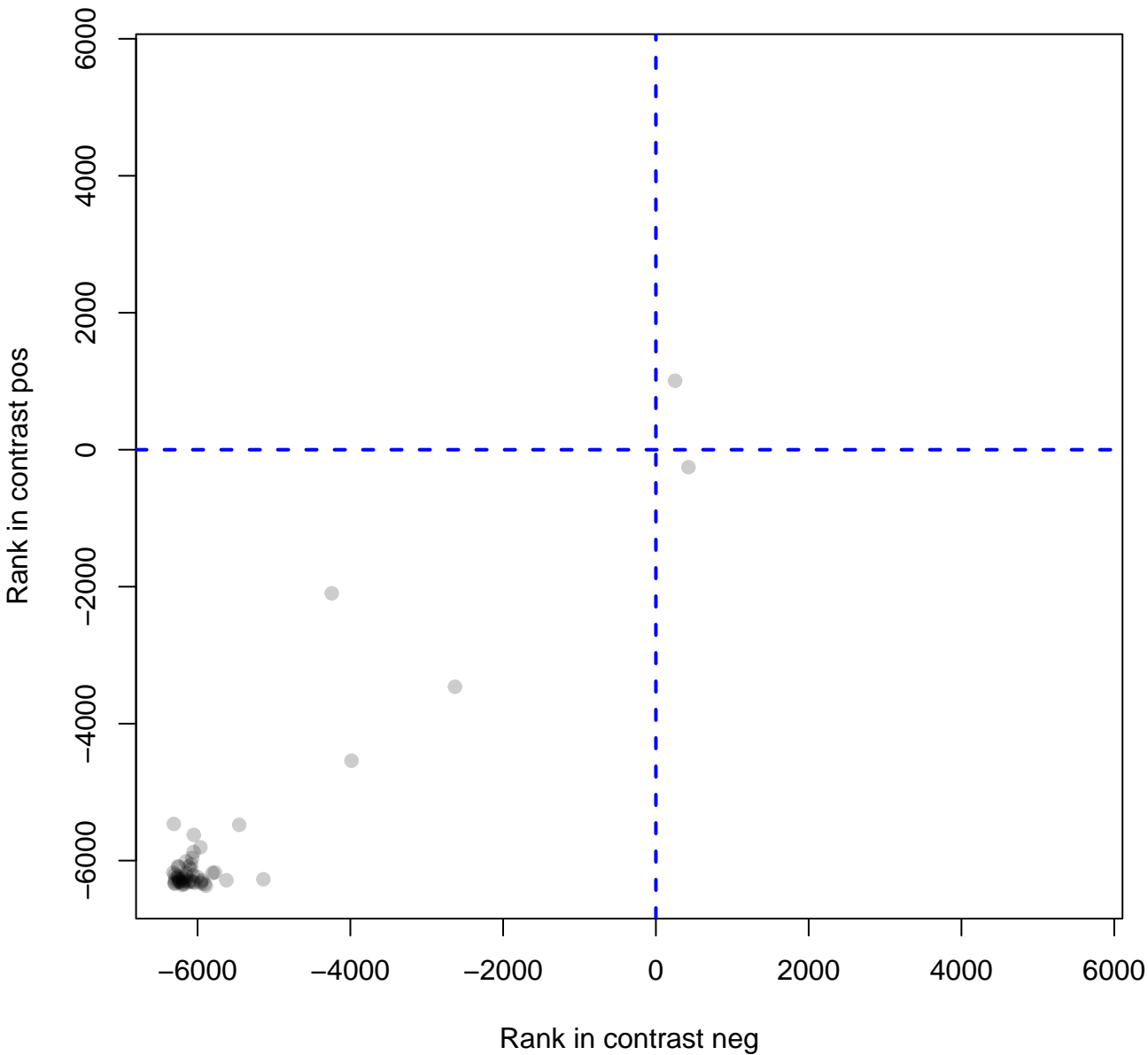
GOCC CYTOSOLIC SMALL RIBOSOMAL SUBU



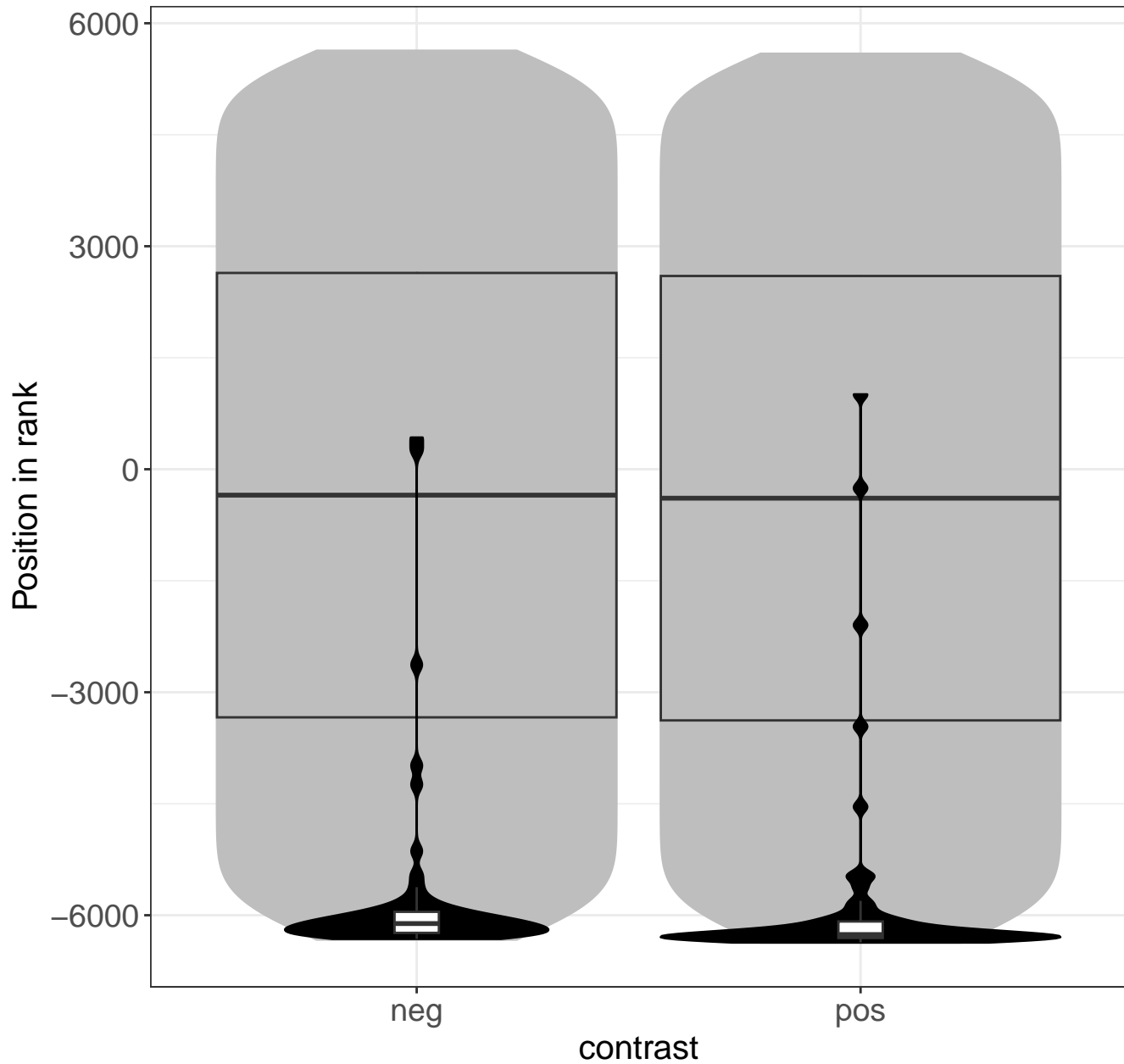
GOCC CYTOSOLIC LARGE RIBOSOMAL SUBUNIT



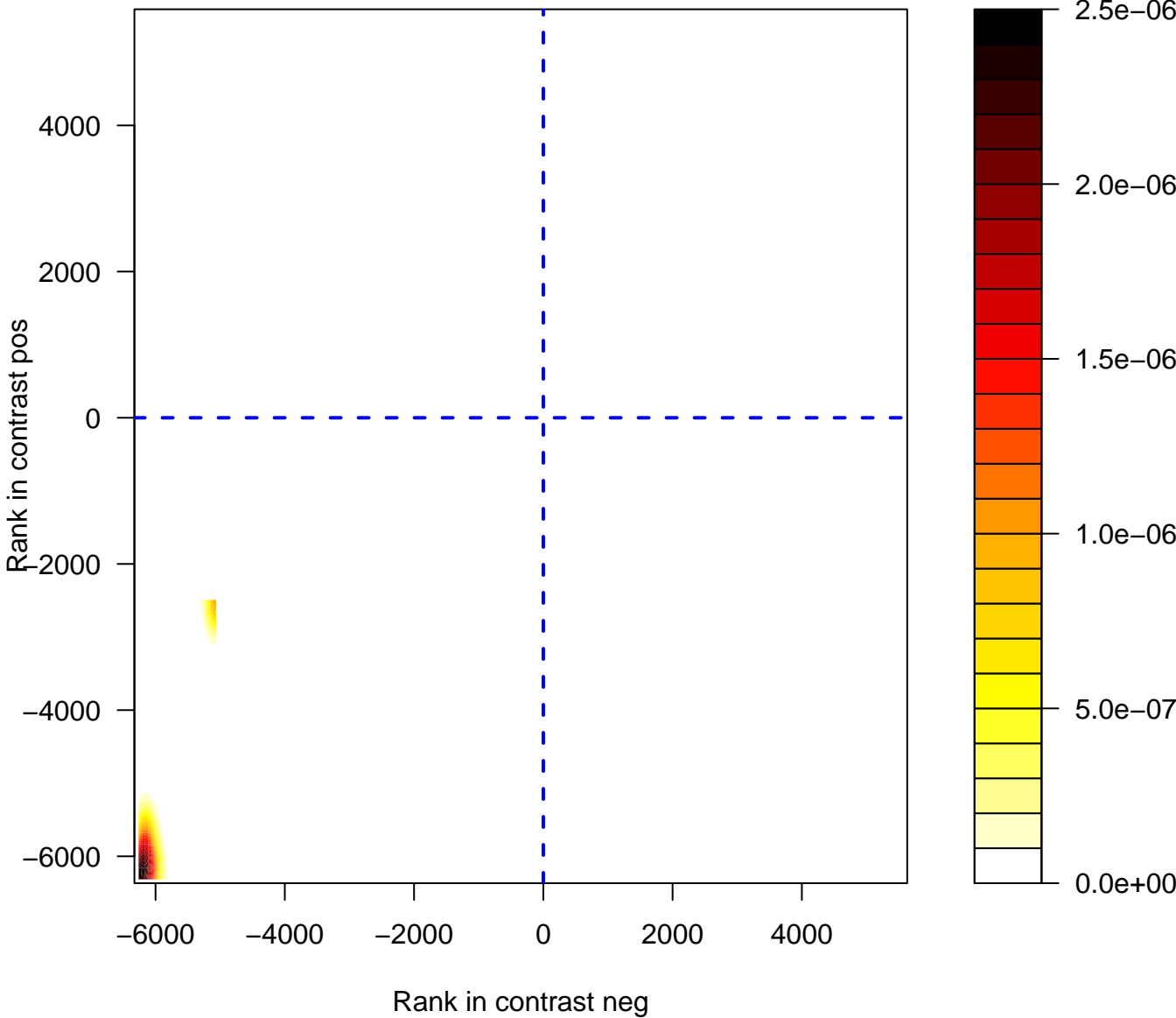
GOCC CYTOSOLIC LARGE RIBOSOMAL SUBUNIT



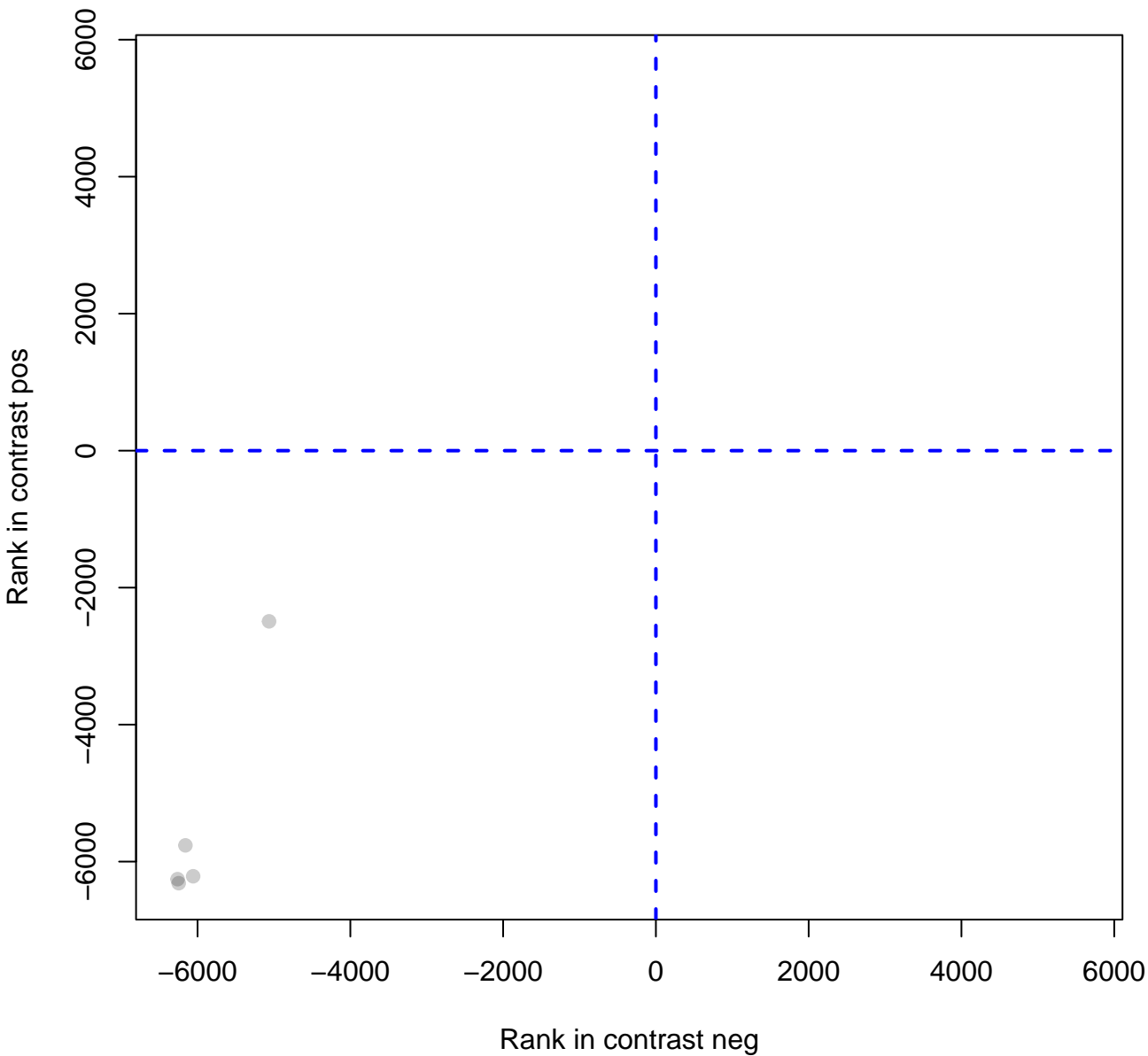
GOCC CYTOSOLIC LARGE RIBOSOMAL SUBU



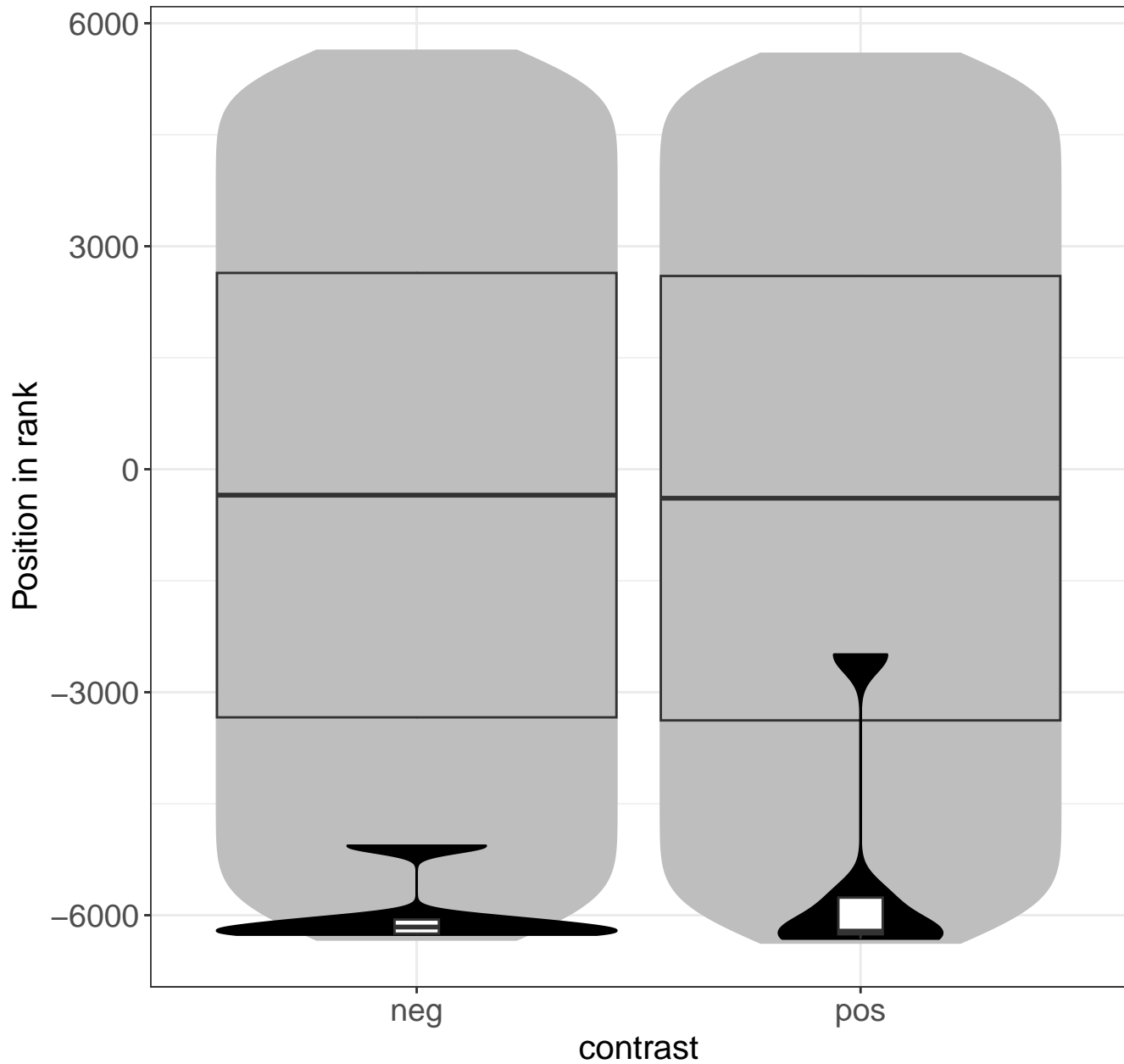
REGULATION OF INTRINSIC APOPTOTIC SIGNALING PATHWAY



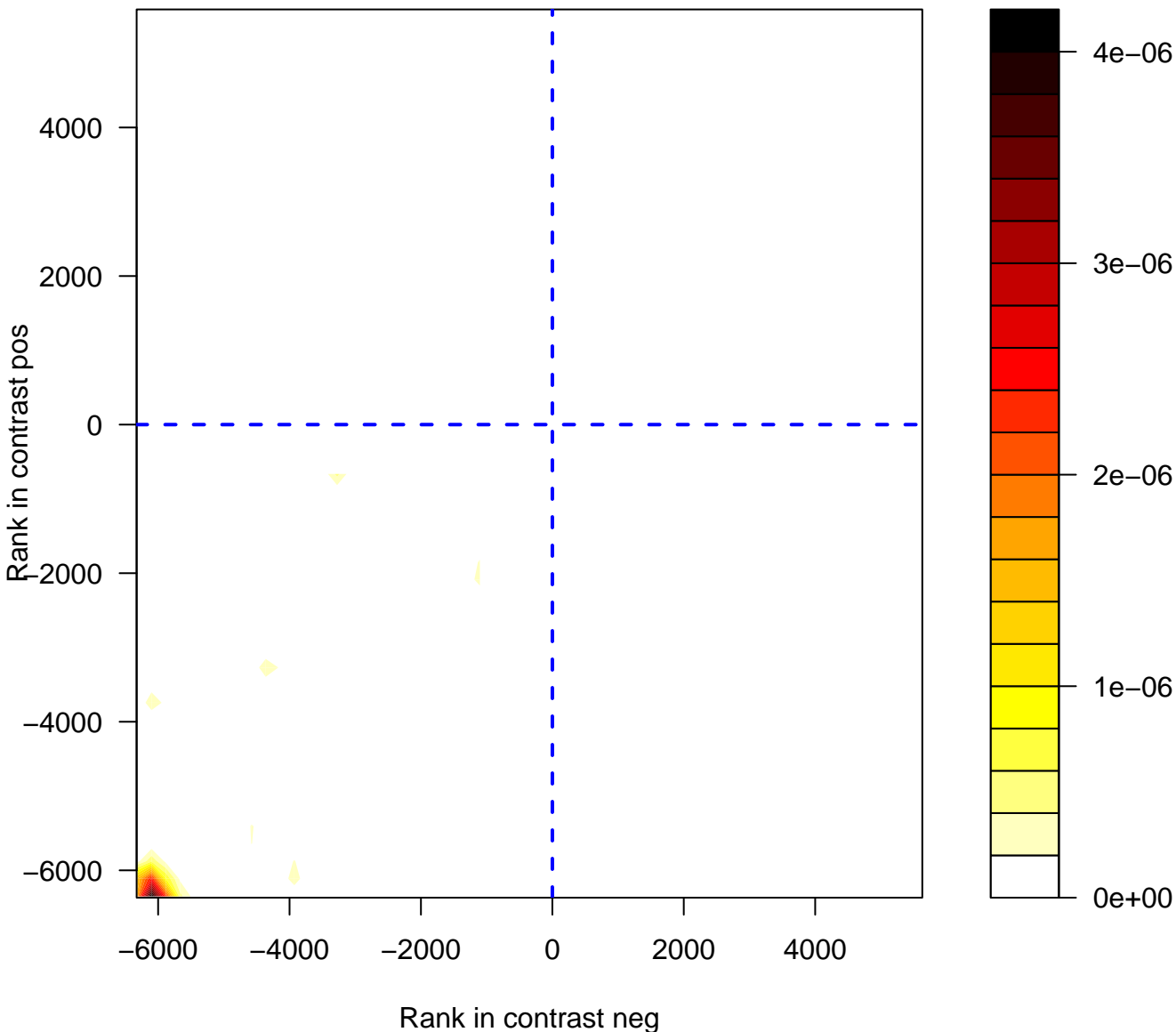
VE REGULATION OF INTRINSIC APOPTOTIC SIGNALING PATHWAY BY P53 C



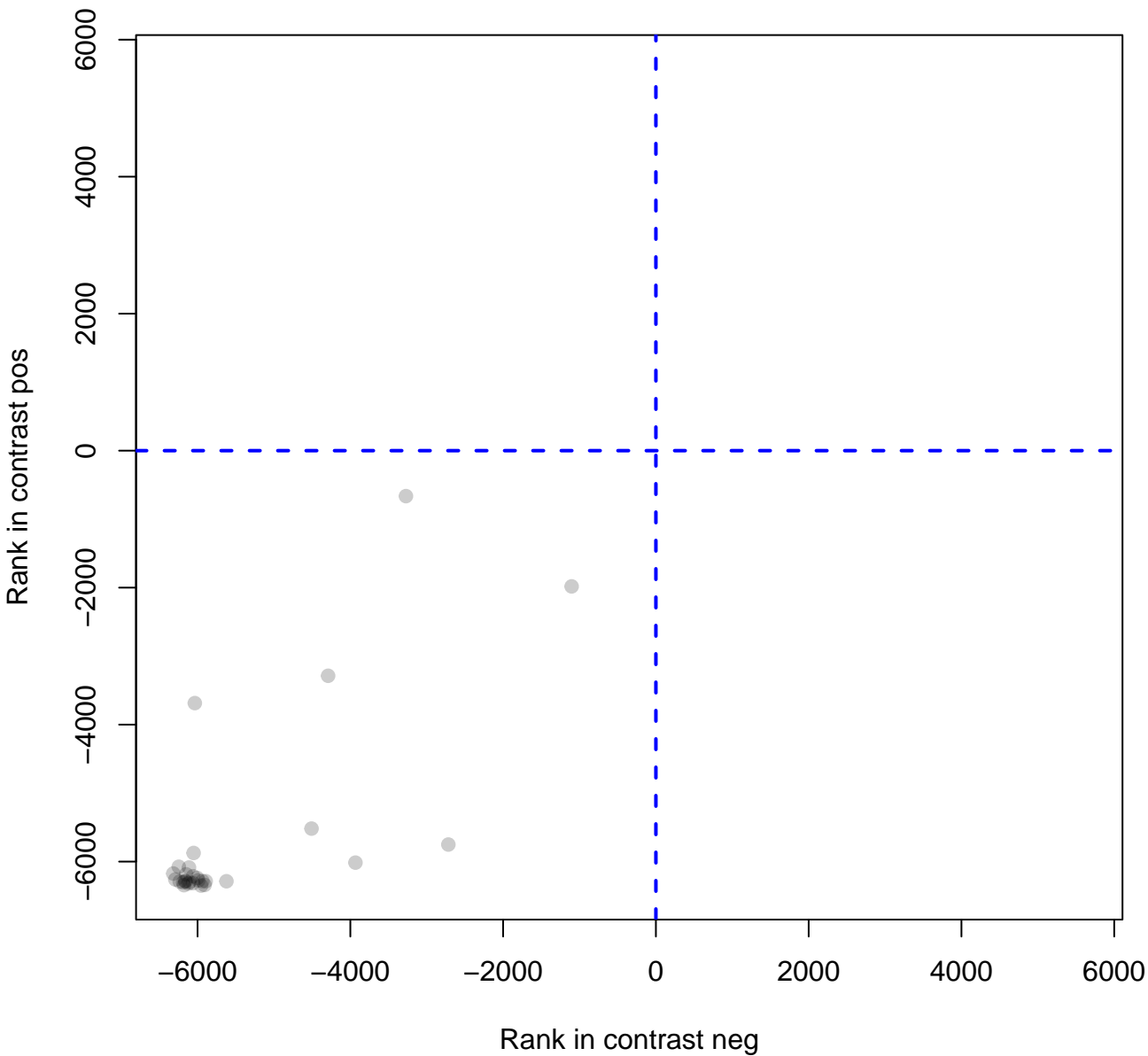
GOBP POSITIVE REGULATION OF INTRINSIC A



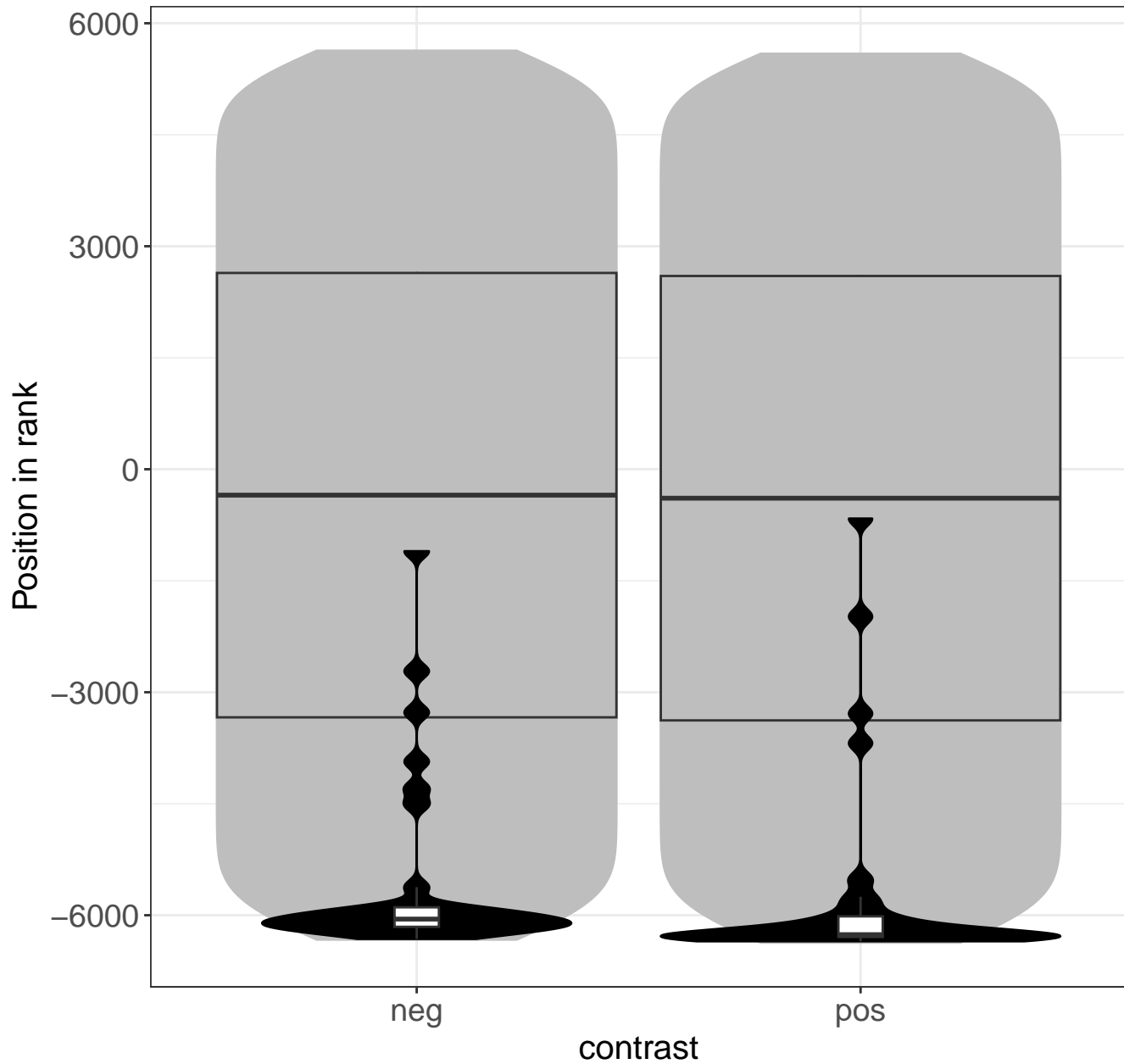
GOCC POLYSOMAL RIBOSOME



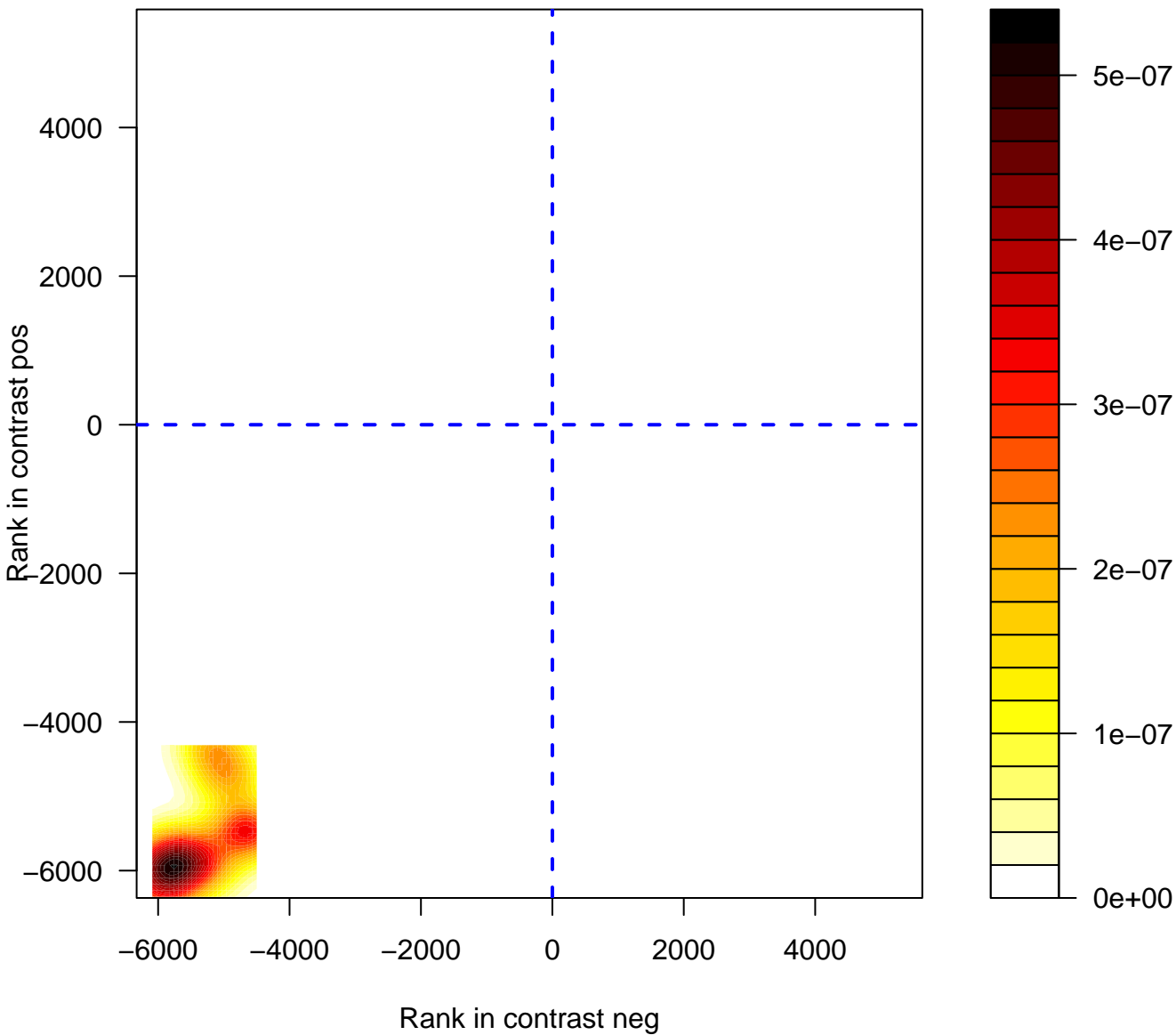
GOCC POLYSOMAL RIBOSOME



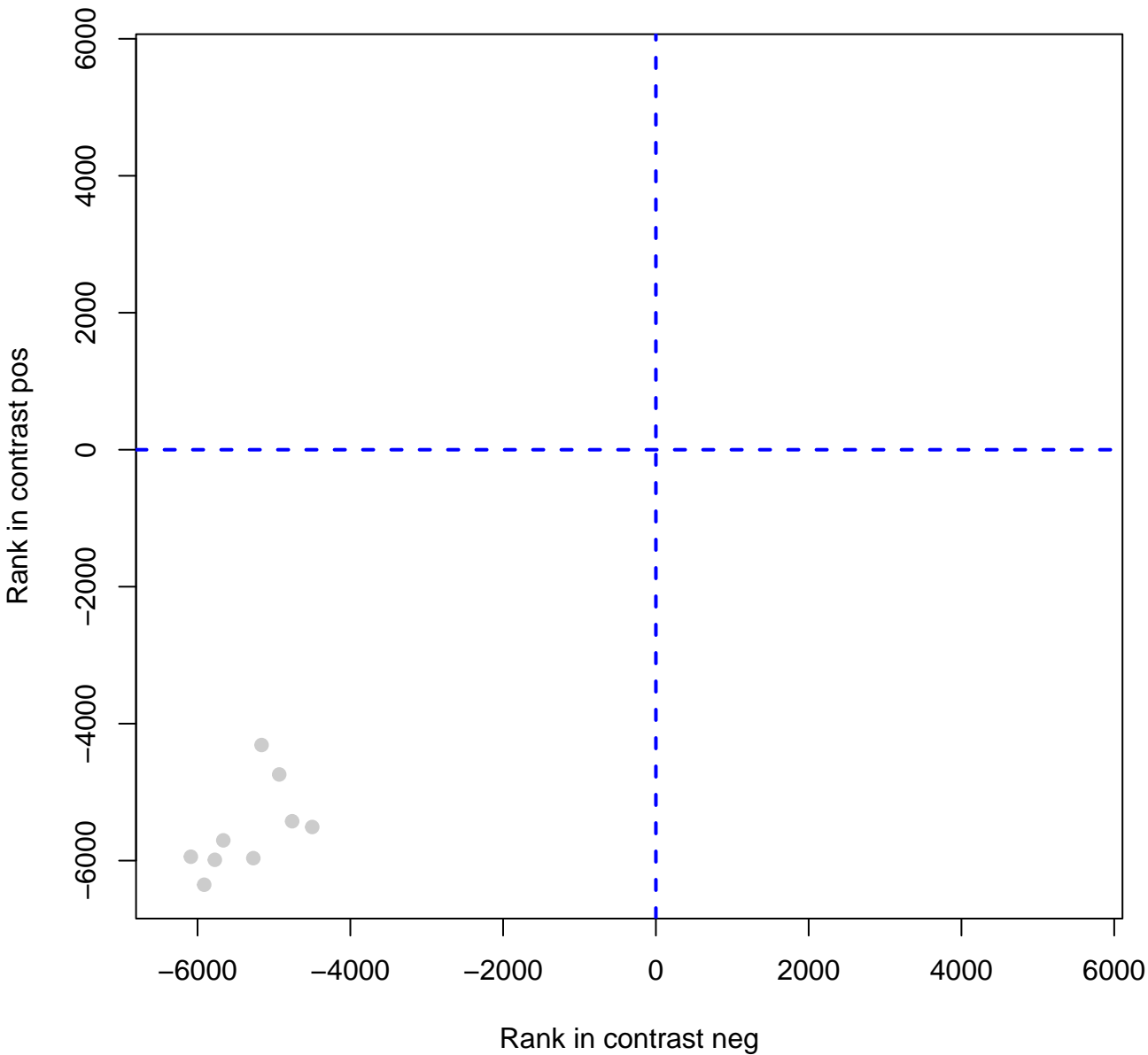
GOCC POLYSOMAL RIBOSOME



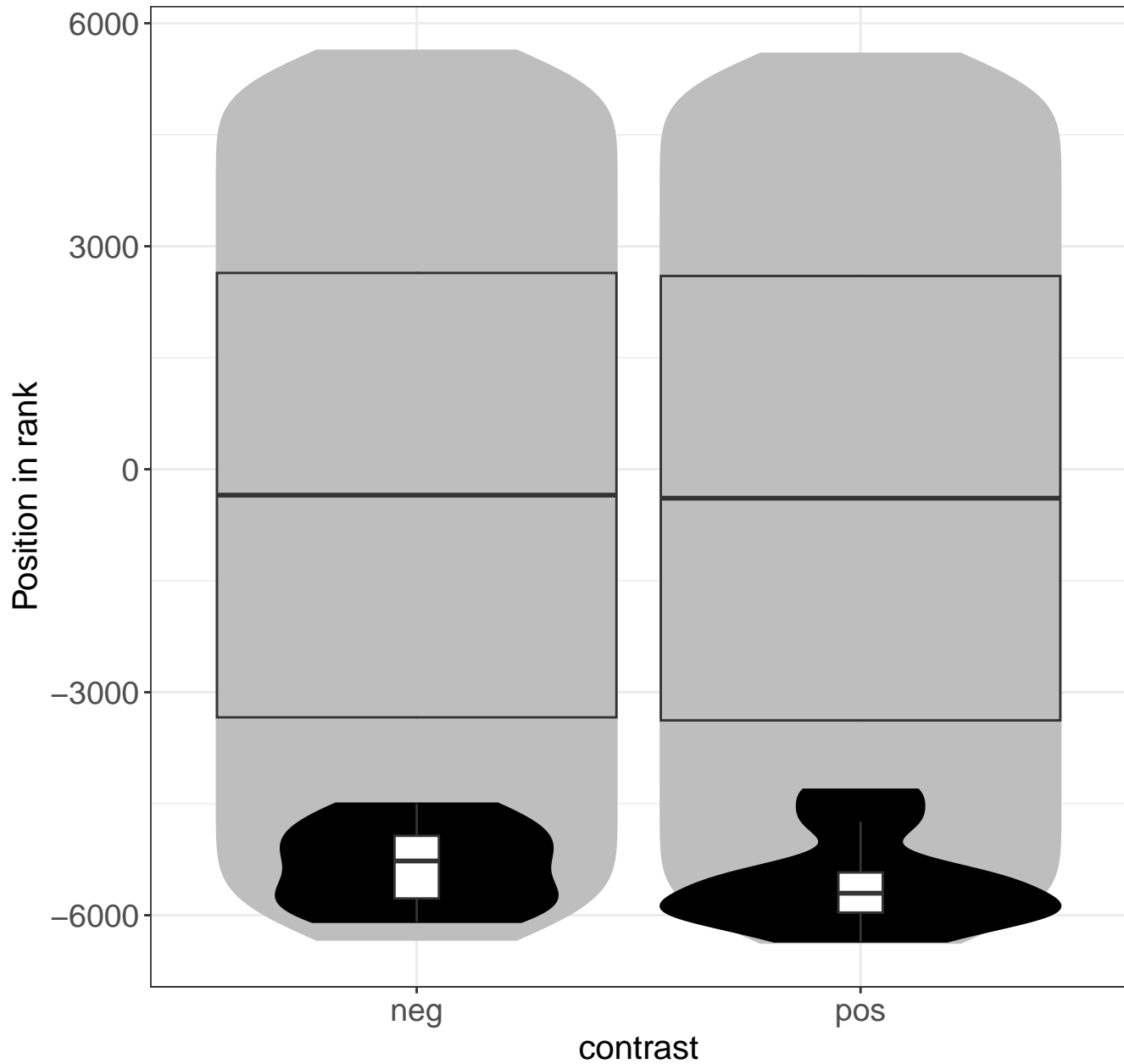
GOCC ARP2 3 PROTEIN COMPLEX



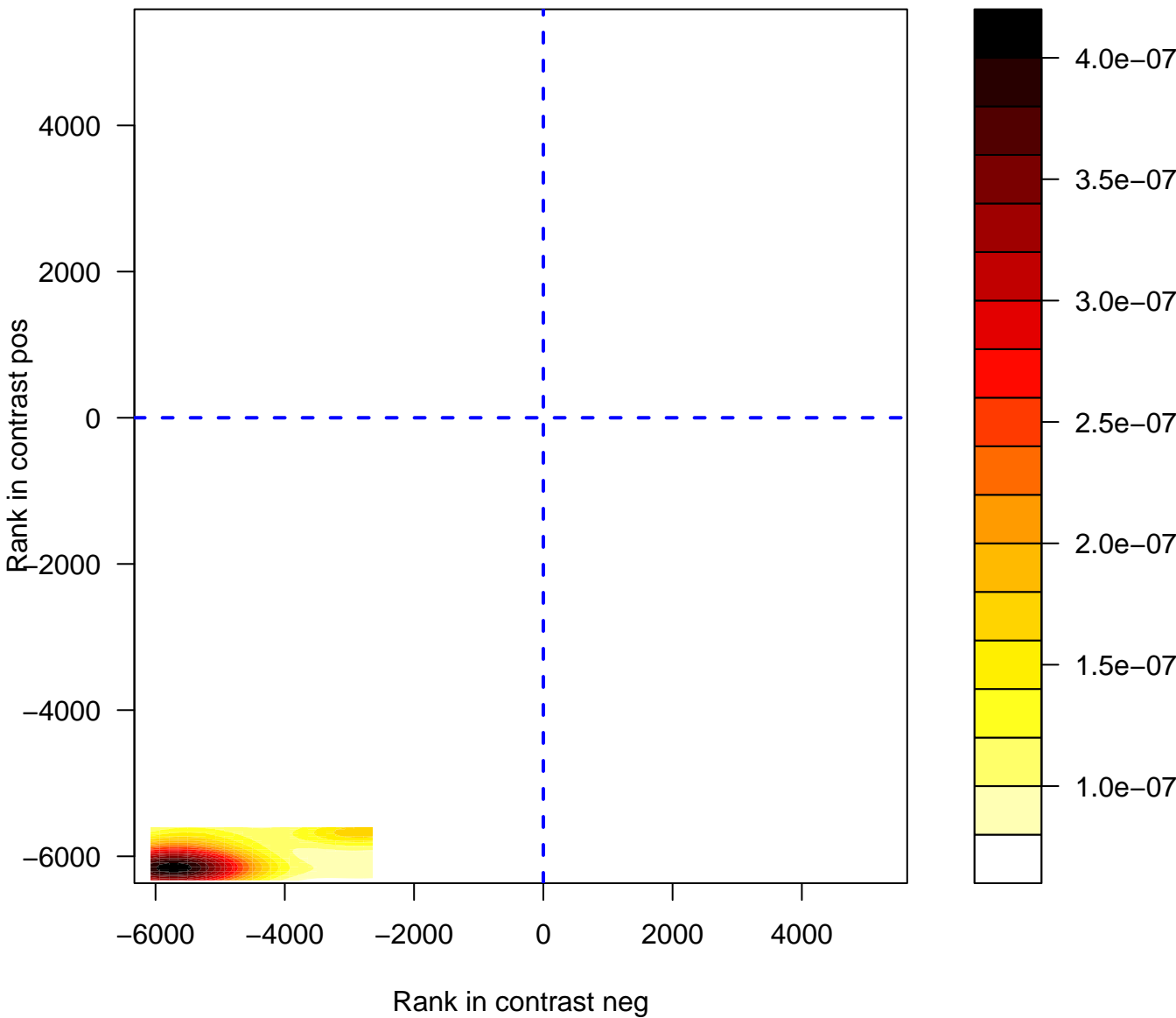
GOCC ARP2 3 PROTEIN COMPLEX



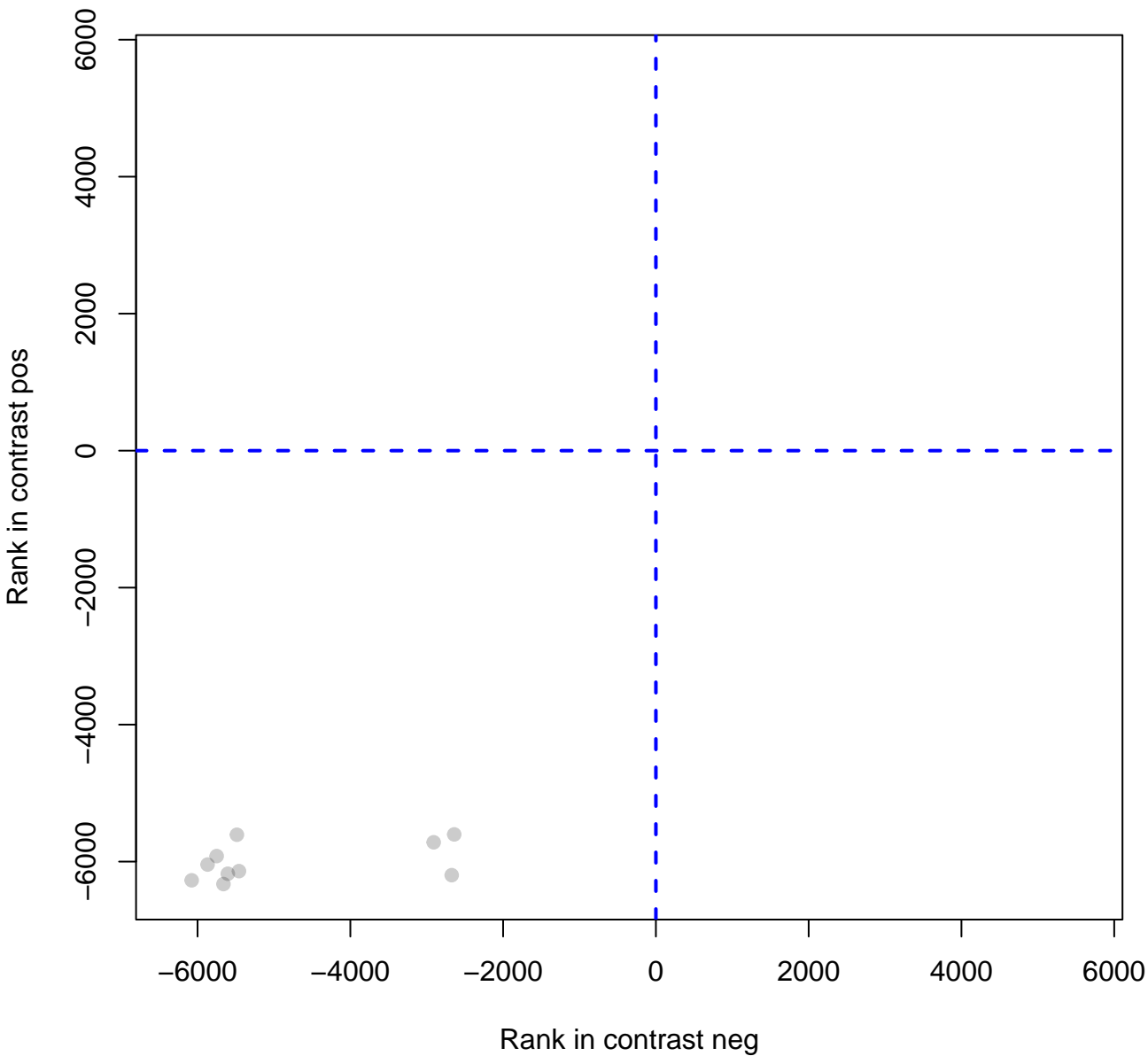
GOCC ARP2 3 PROTEIN COMPLEX



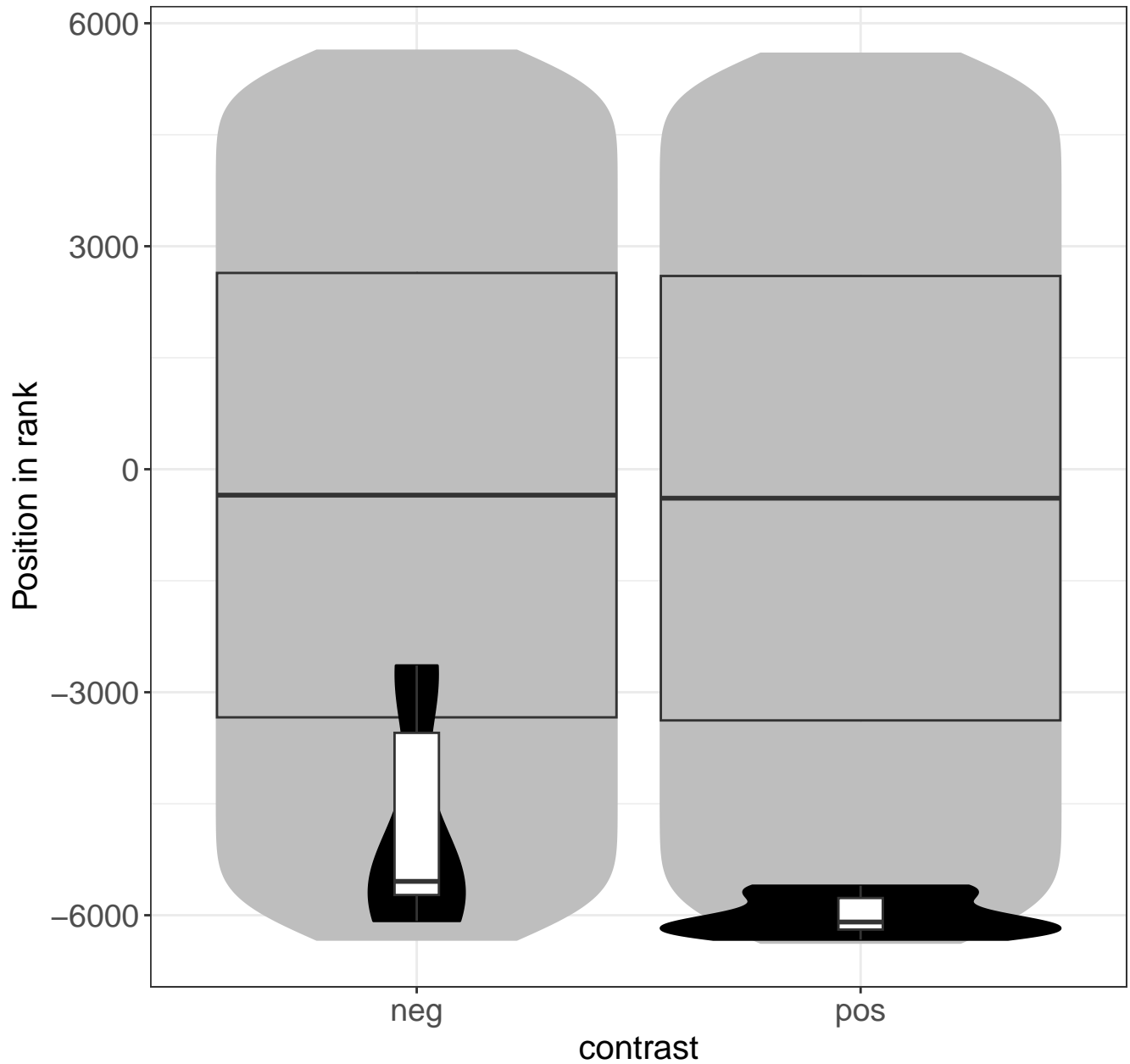
DRIAL PROTON TRANSPORTING ATP SYNTHASE COMPLEX



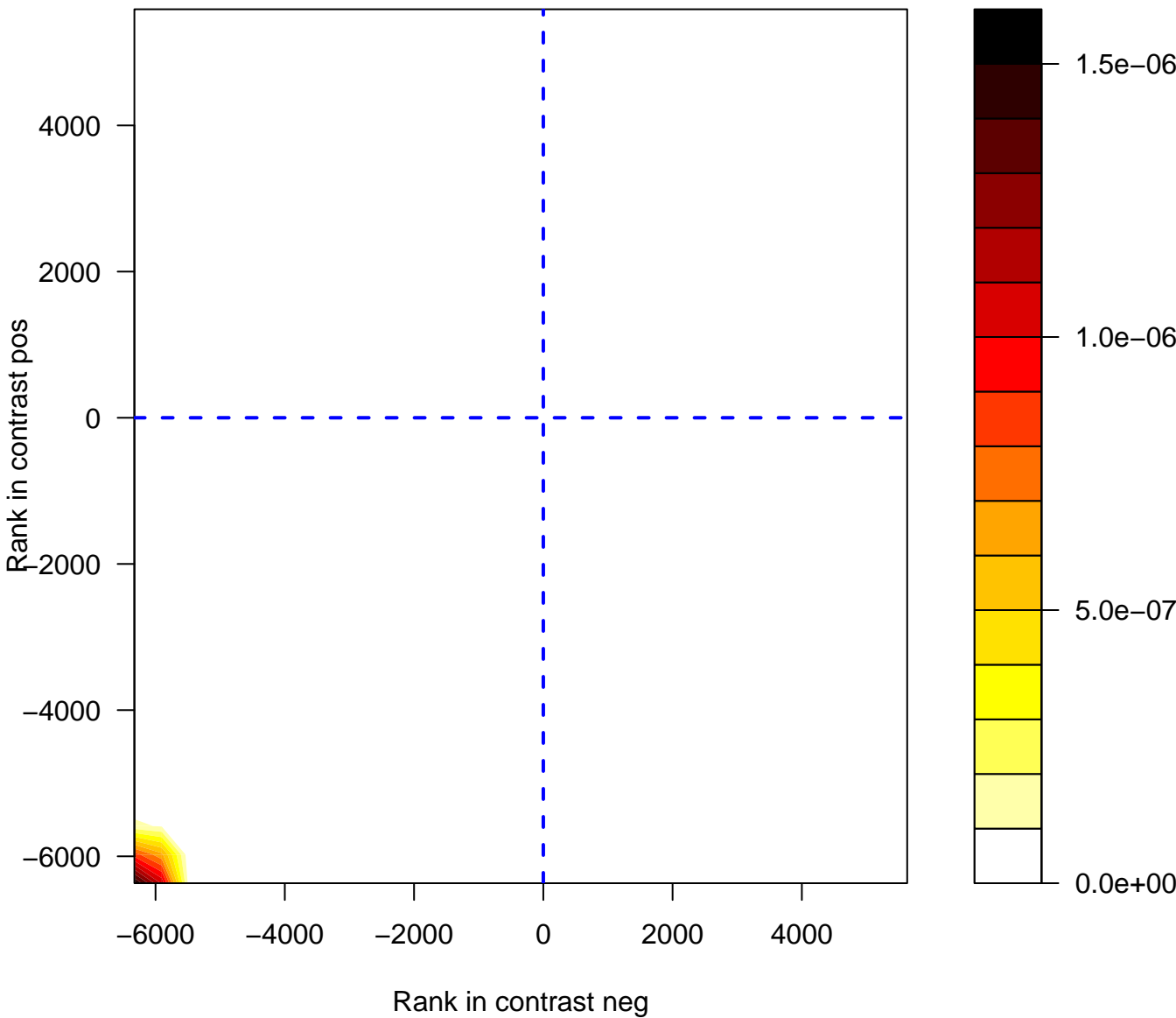
MITOCHONDRIAL PROTON TRANSPORTING ATP SYNTHASE COMPLEX COUPLI



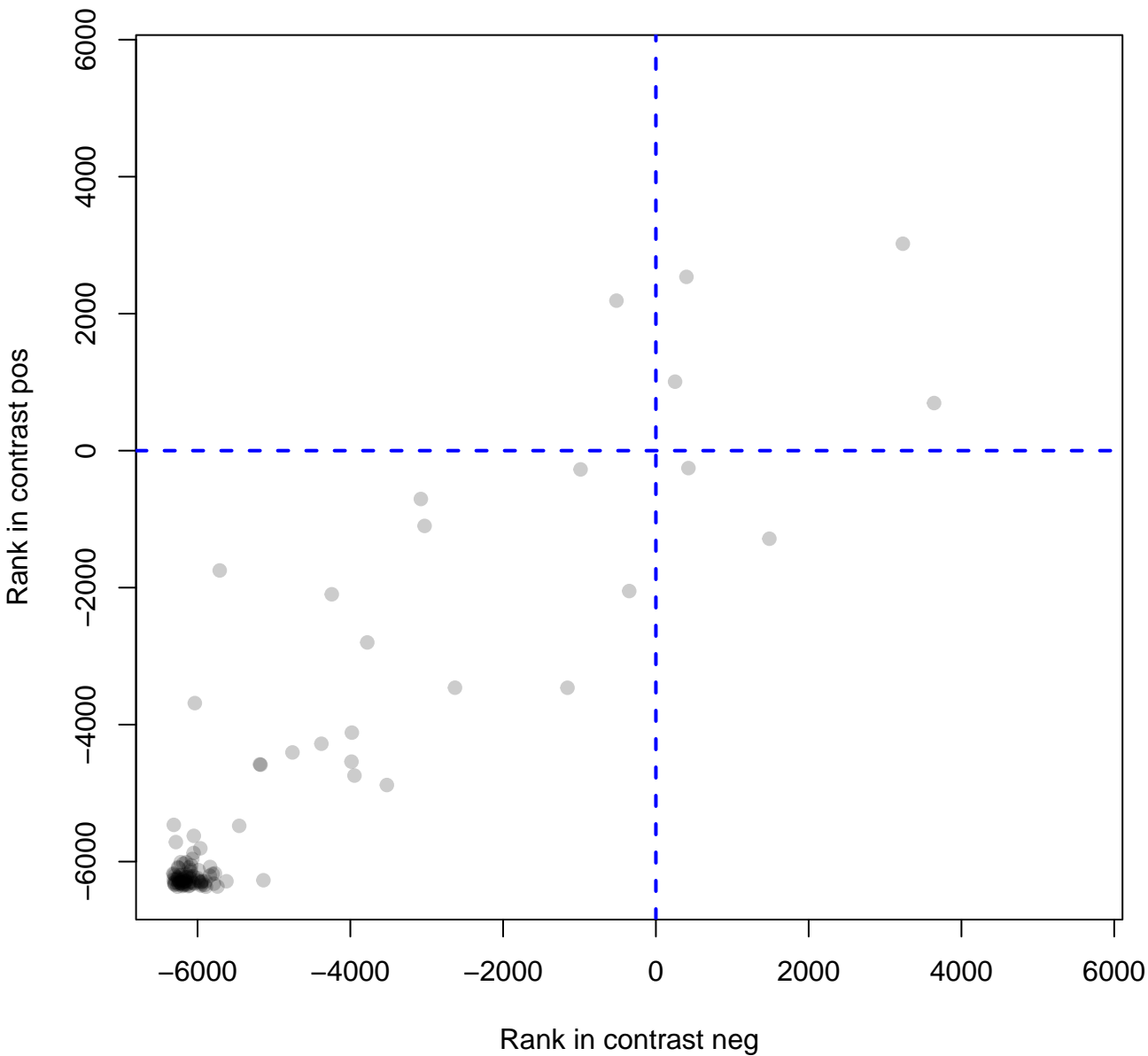
GOCC MITOCHONDRIAL PROTON TRANSPOR



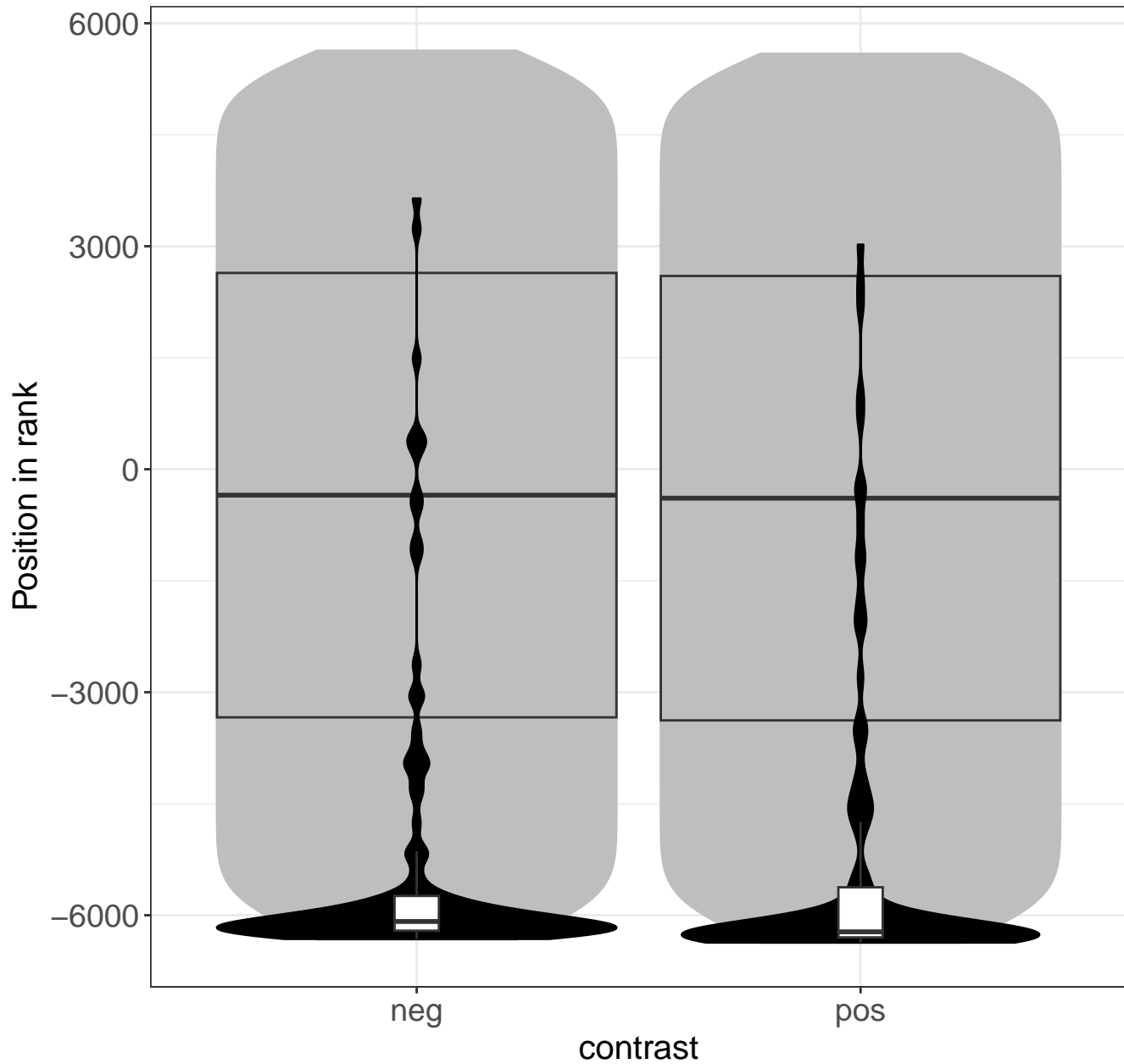
GOCC CYTOSOLIC RIBOSOME



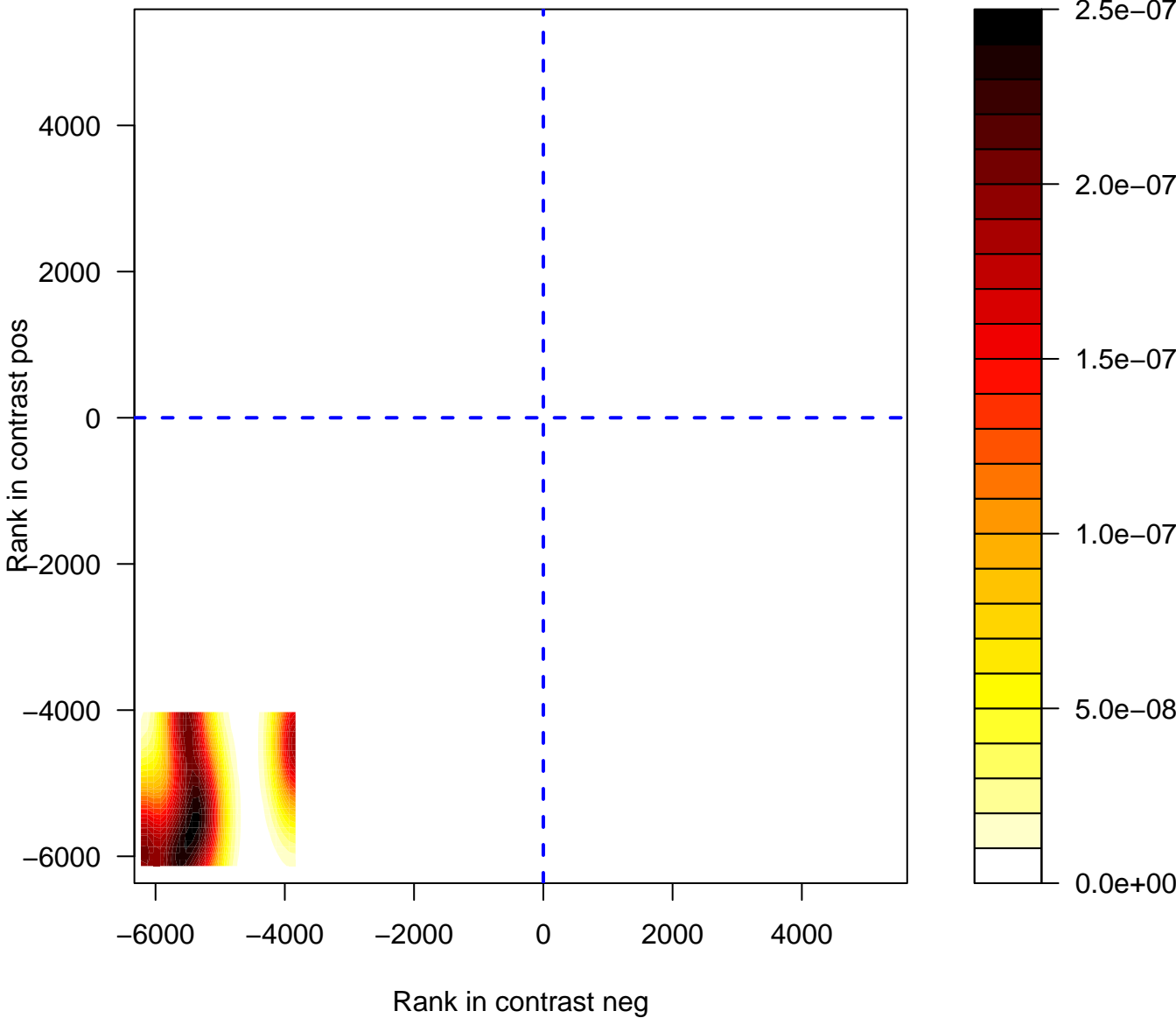
GOCC CYTOSOLIC RIBOSOME



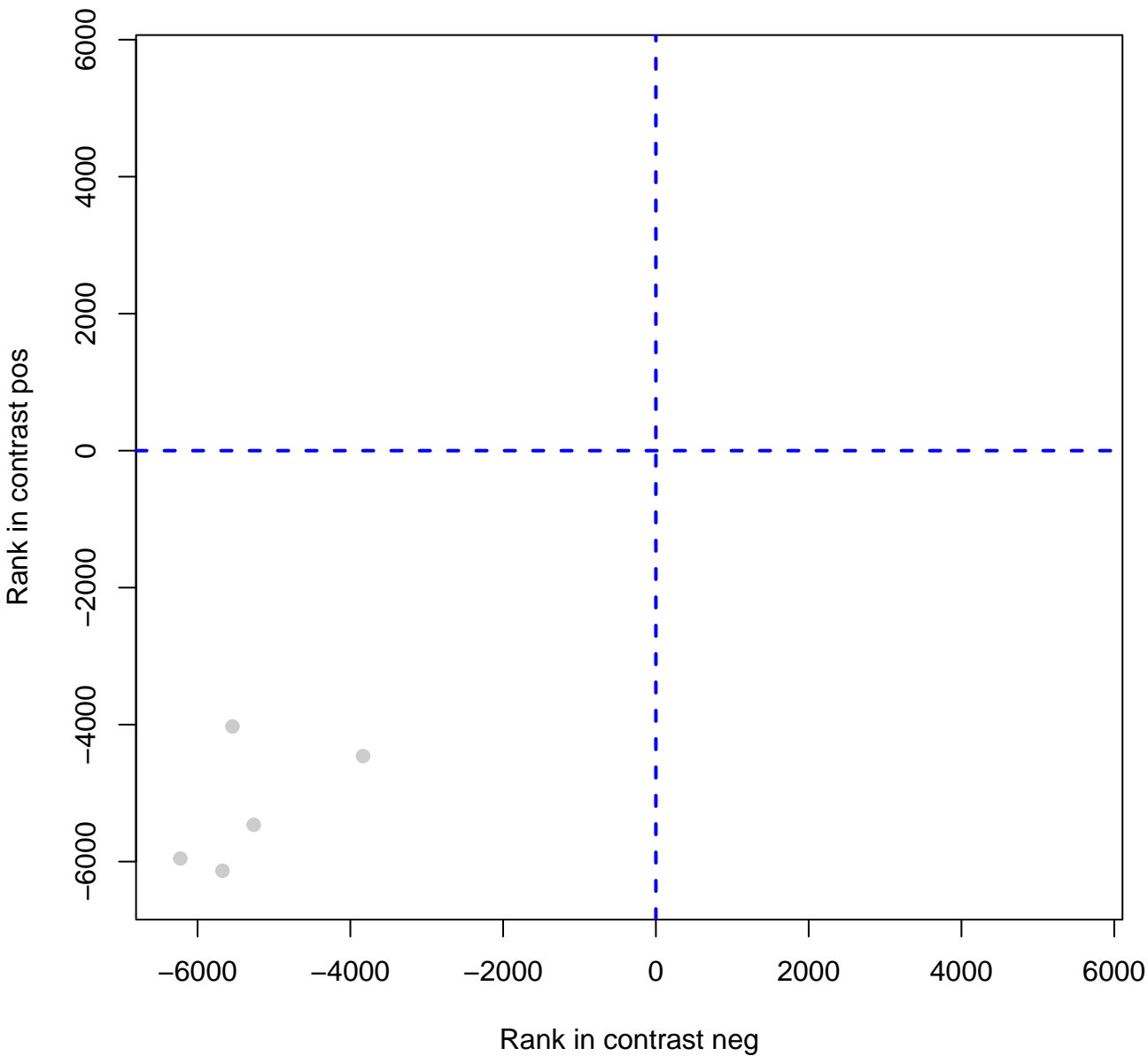
GOCC CYTOSOLIC RIBOSOME



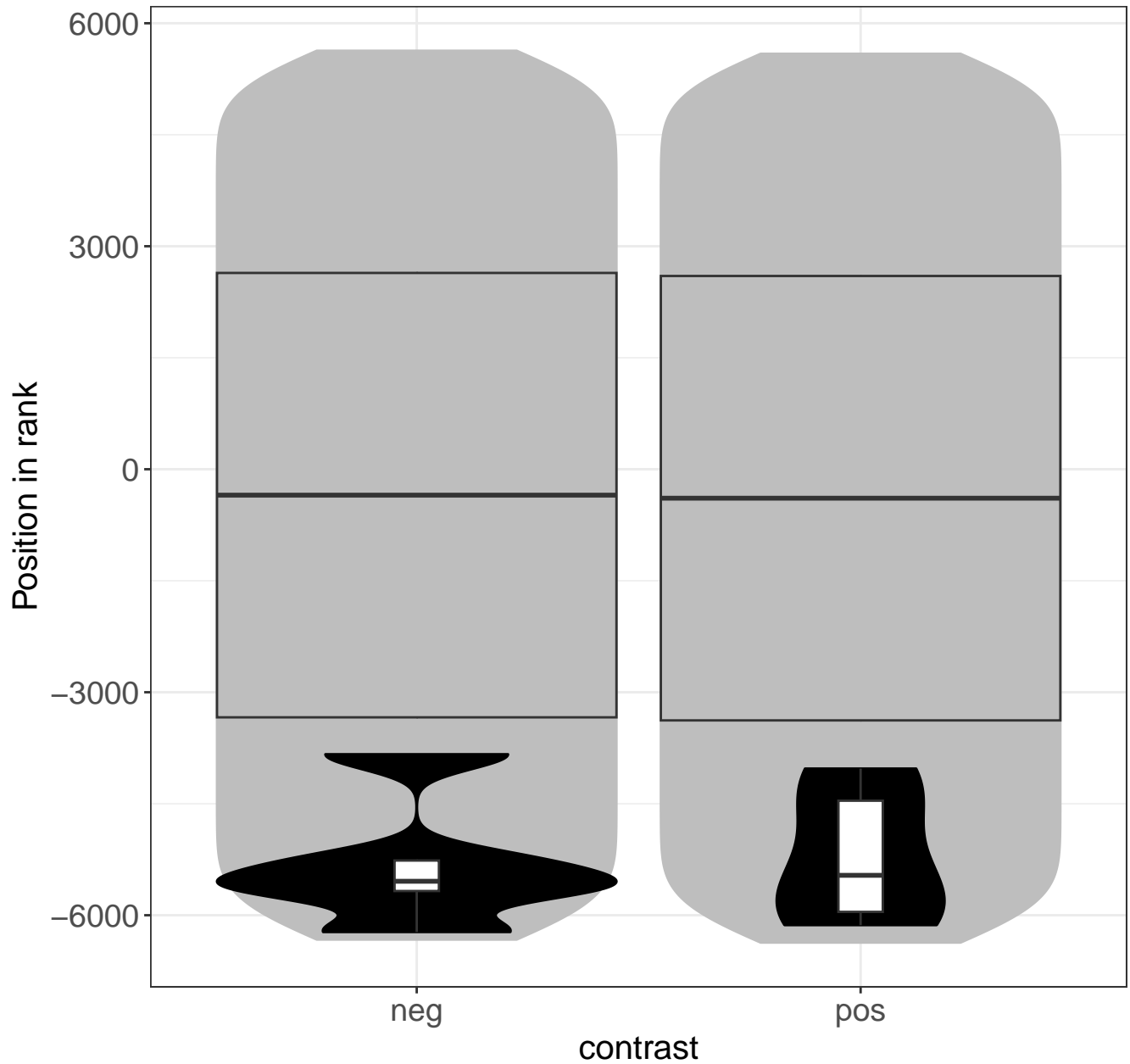
GOMF ADENYLATE CYCLASE REGULATOR ACTIVITY



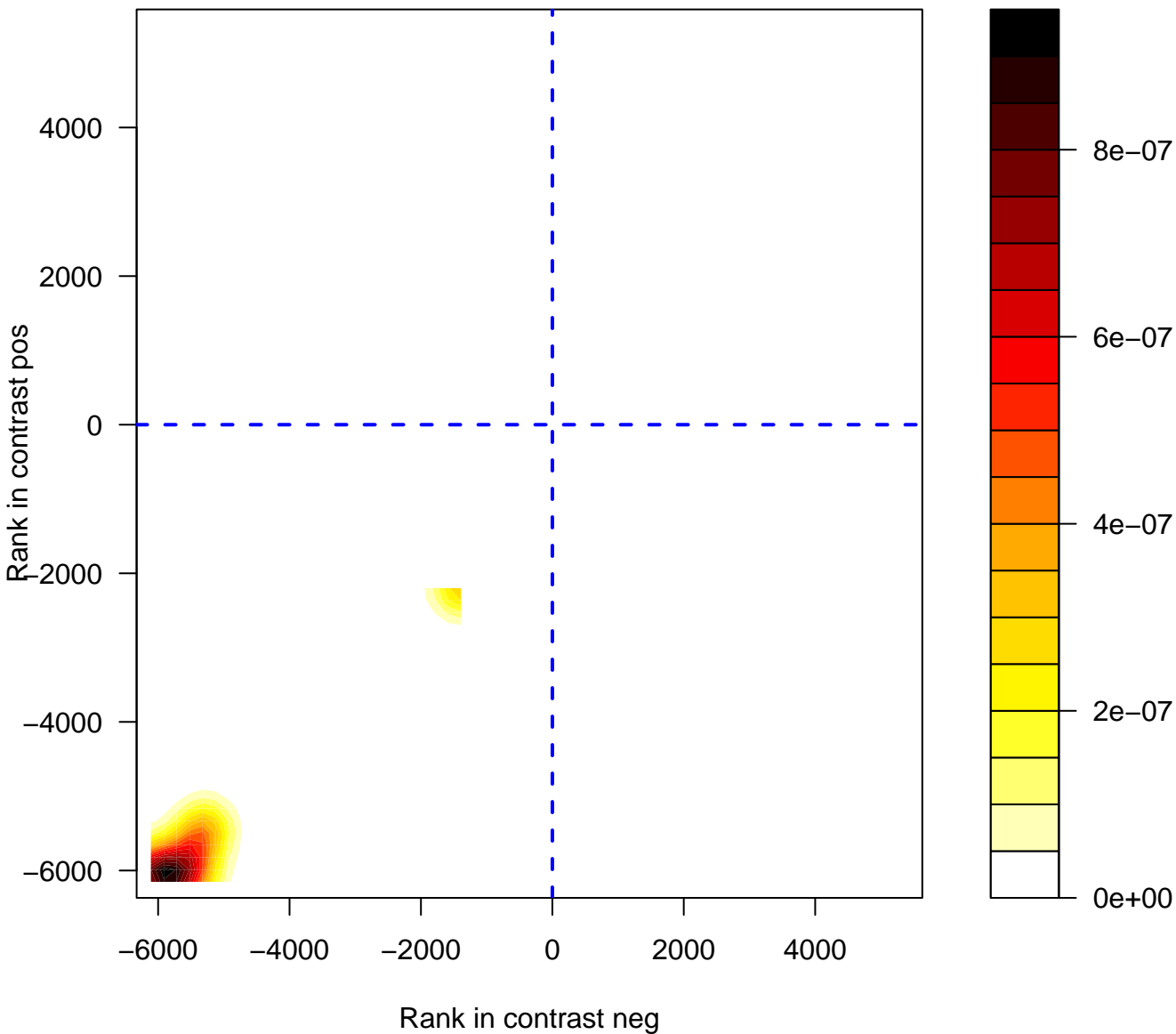
GOMF ADENYLATE CYCLASE REGULATOR ACTIVITY



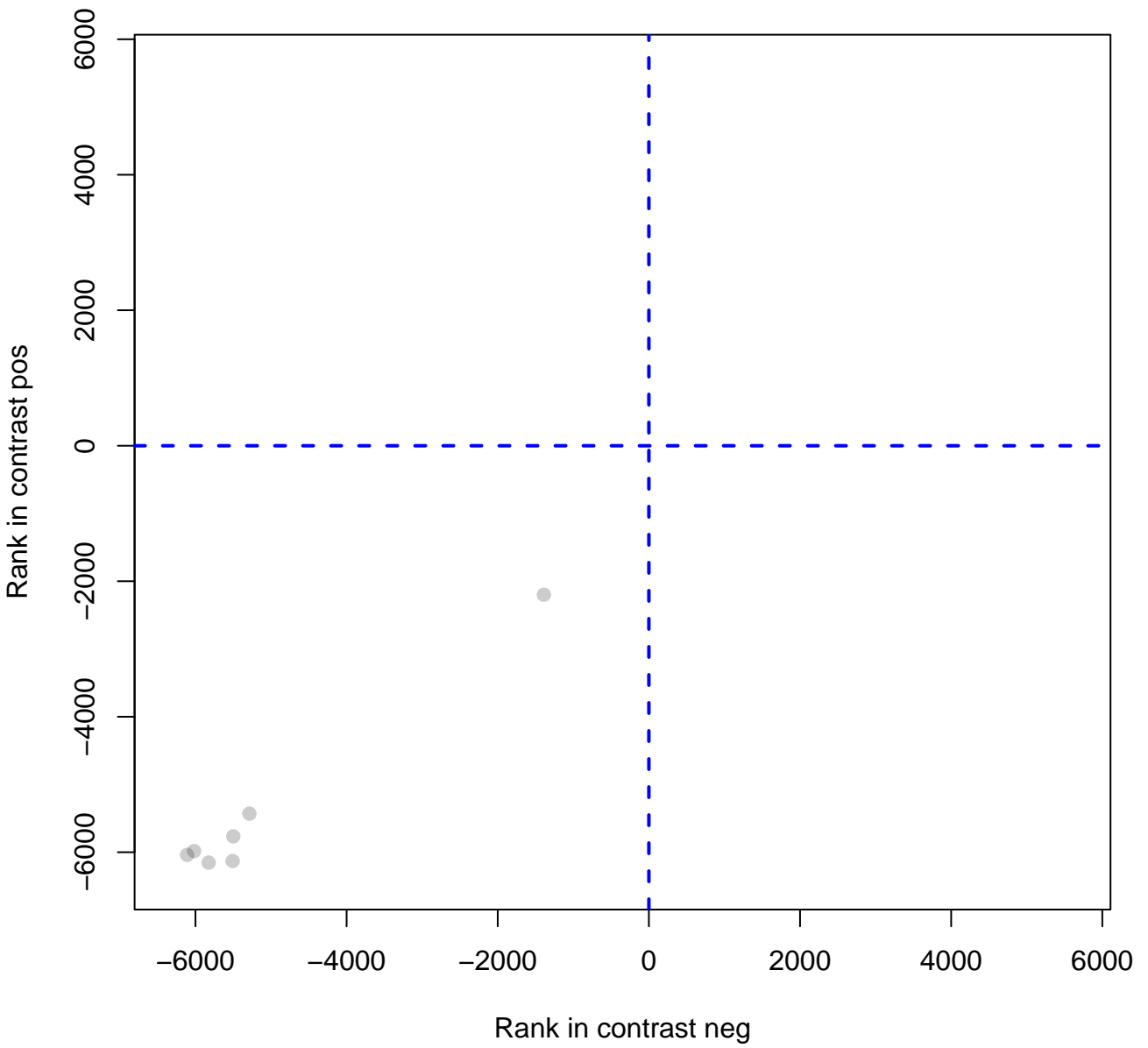
GOMF ADENYLATE CYCLASE REGULATOR AC



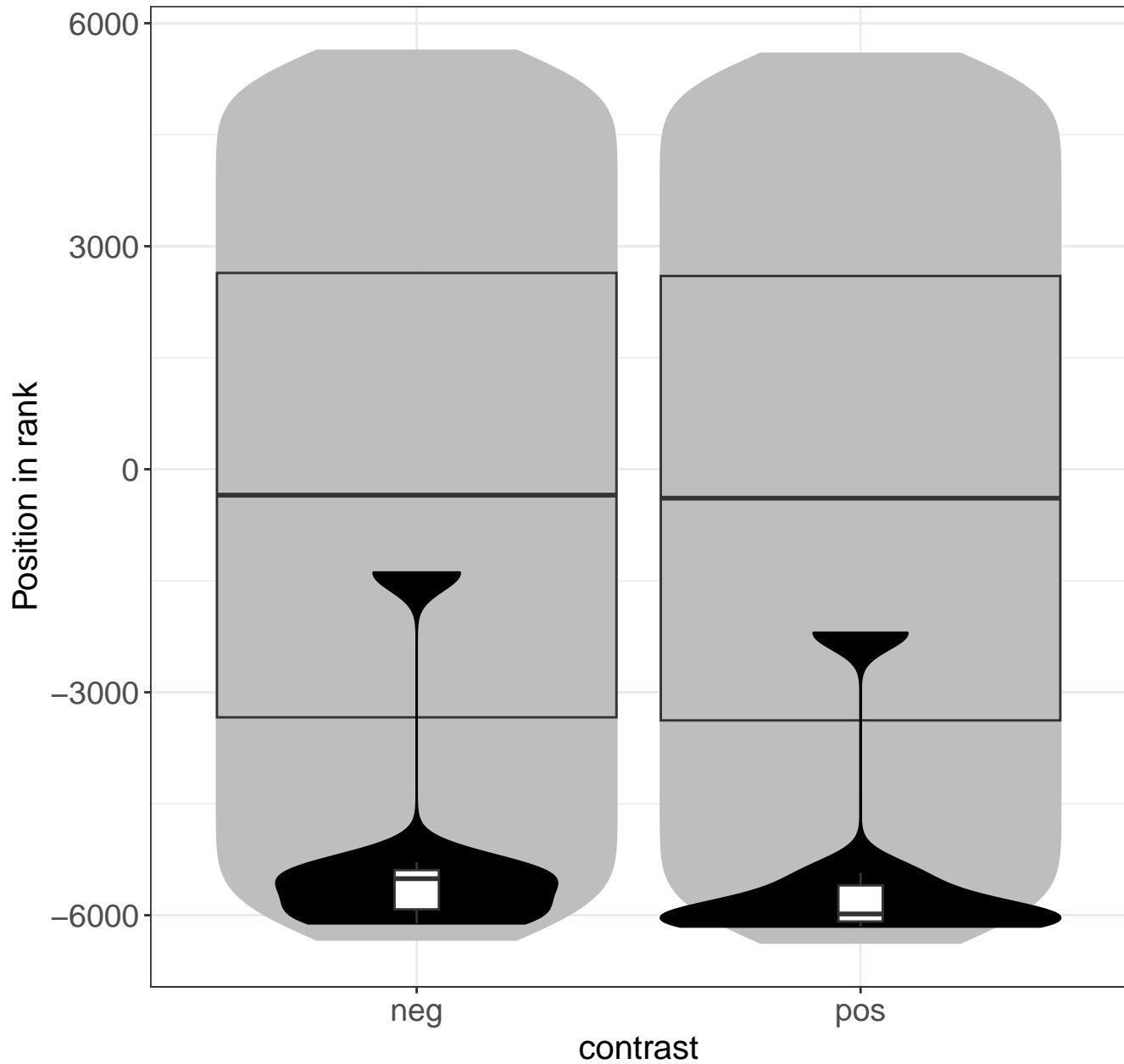
GOCC MHC CLASS I PROTEIN COMPLEX



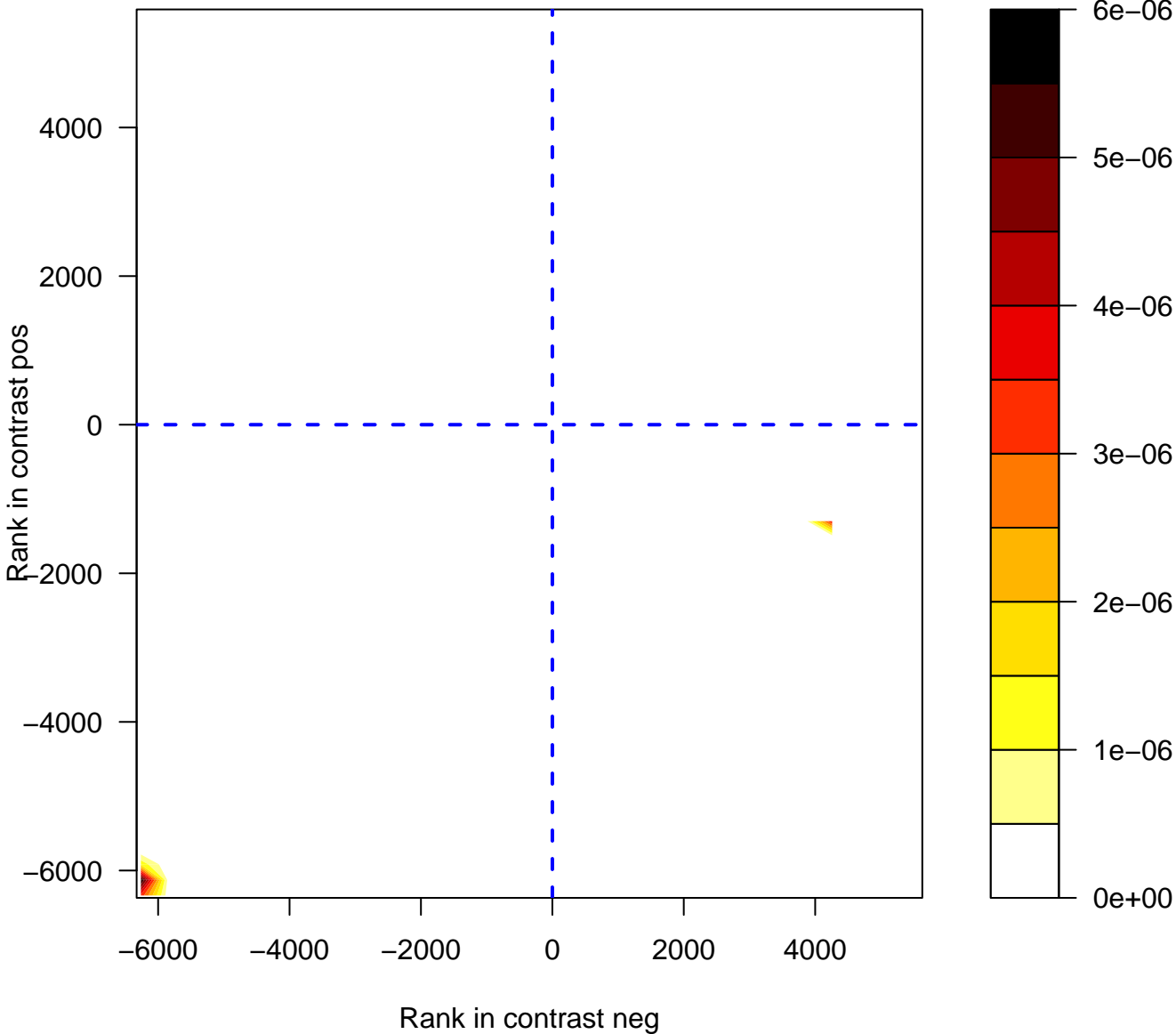
GOCC MHC CLASS I PROTEIN COMPLEX



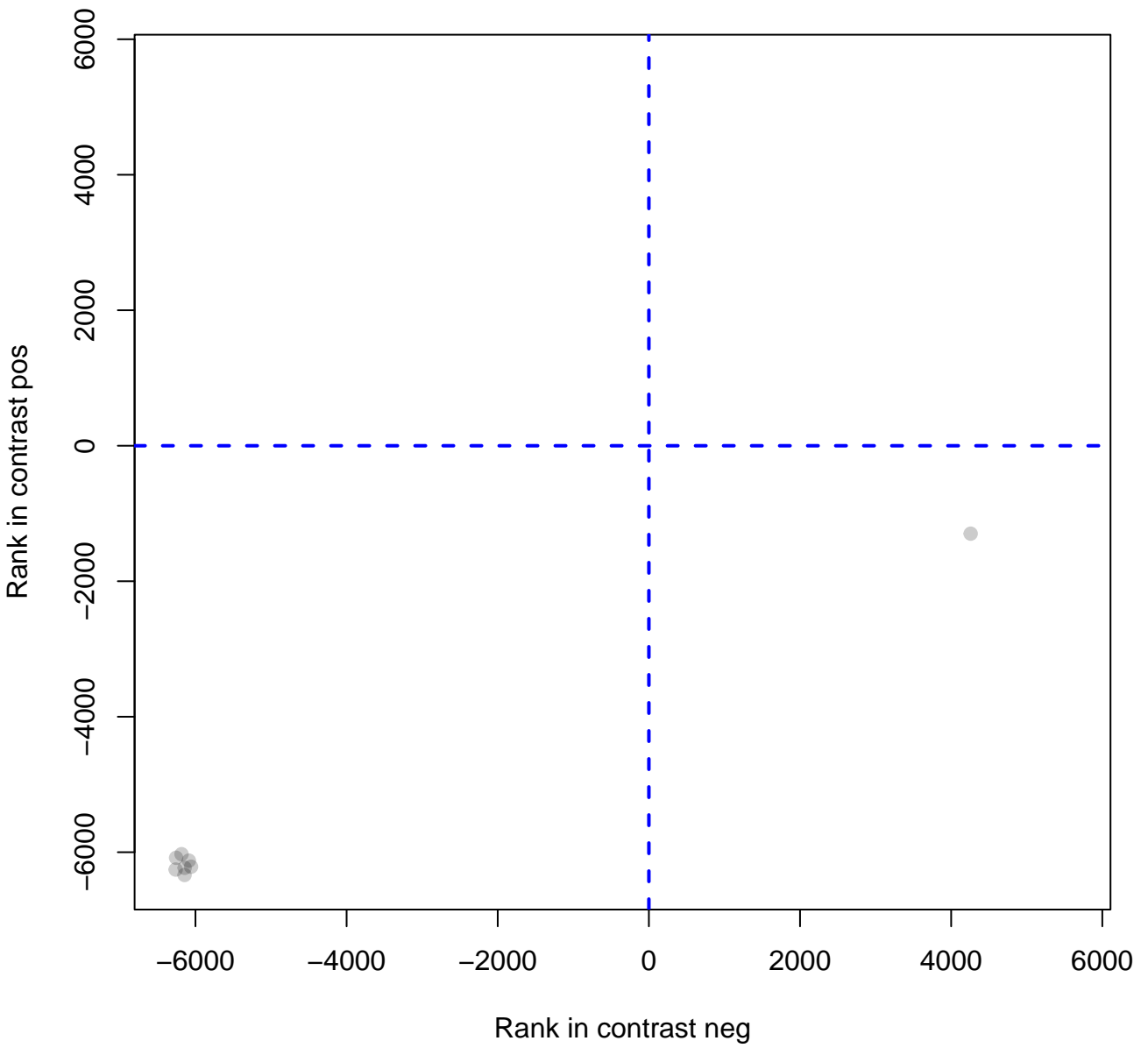
GOCC MHC CLASS I PROTEIN COMPLEX



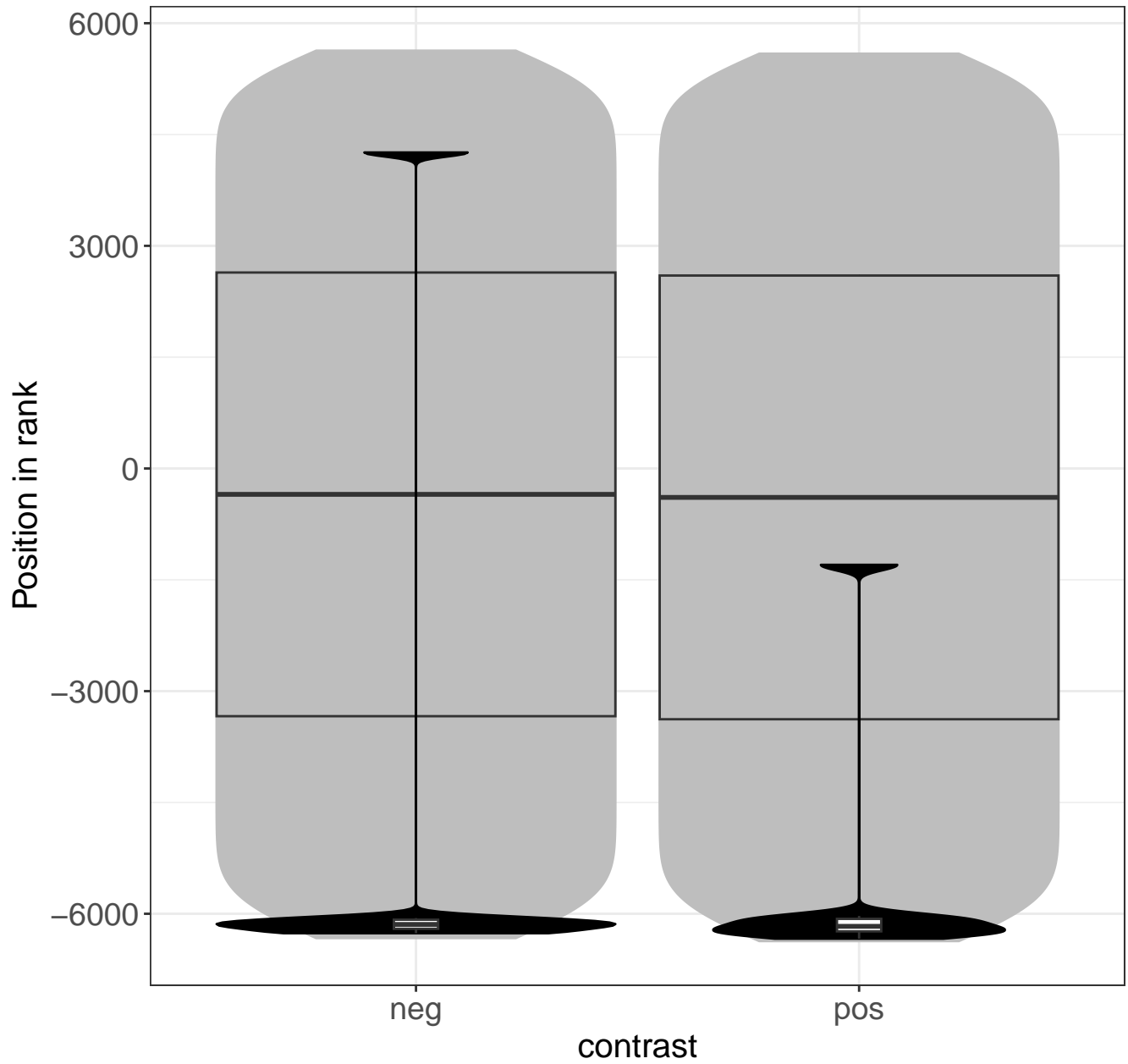
GOMF UBIQUITIN LIGASE INHIBITOR ACTIVITY



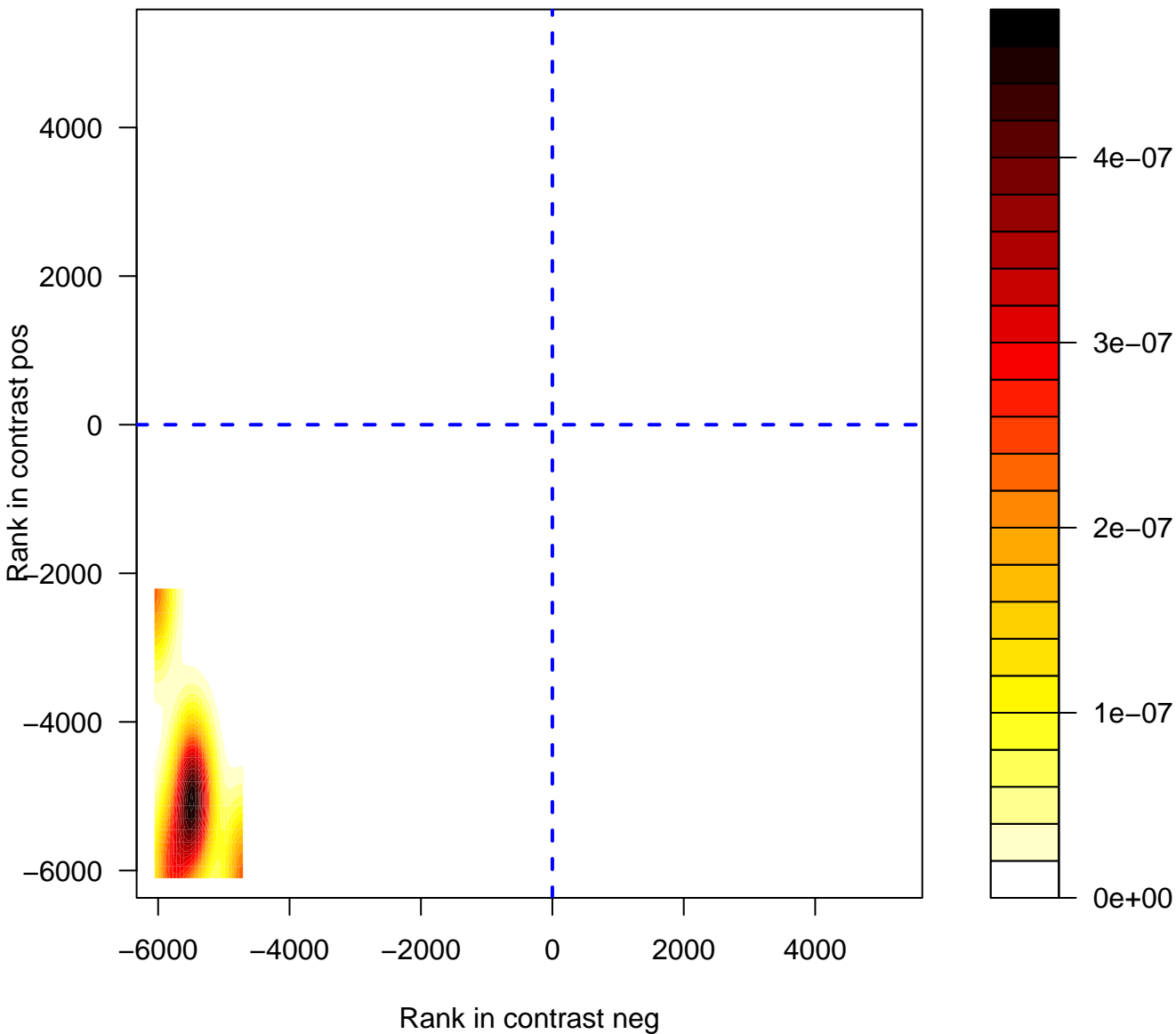
GOMF UBIQUITIN LIGASE INHIBITOR ACTIVITY



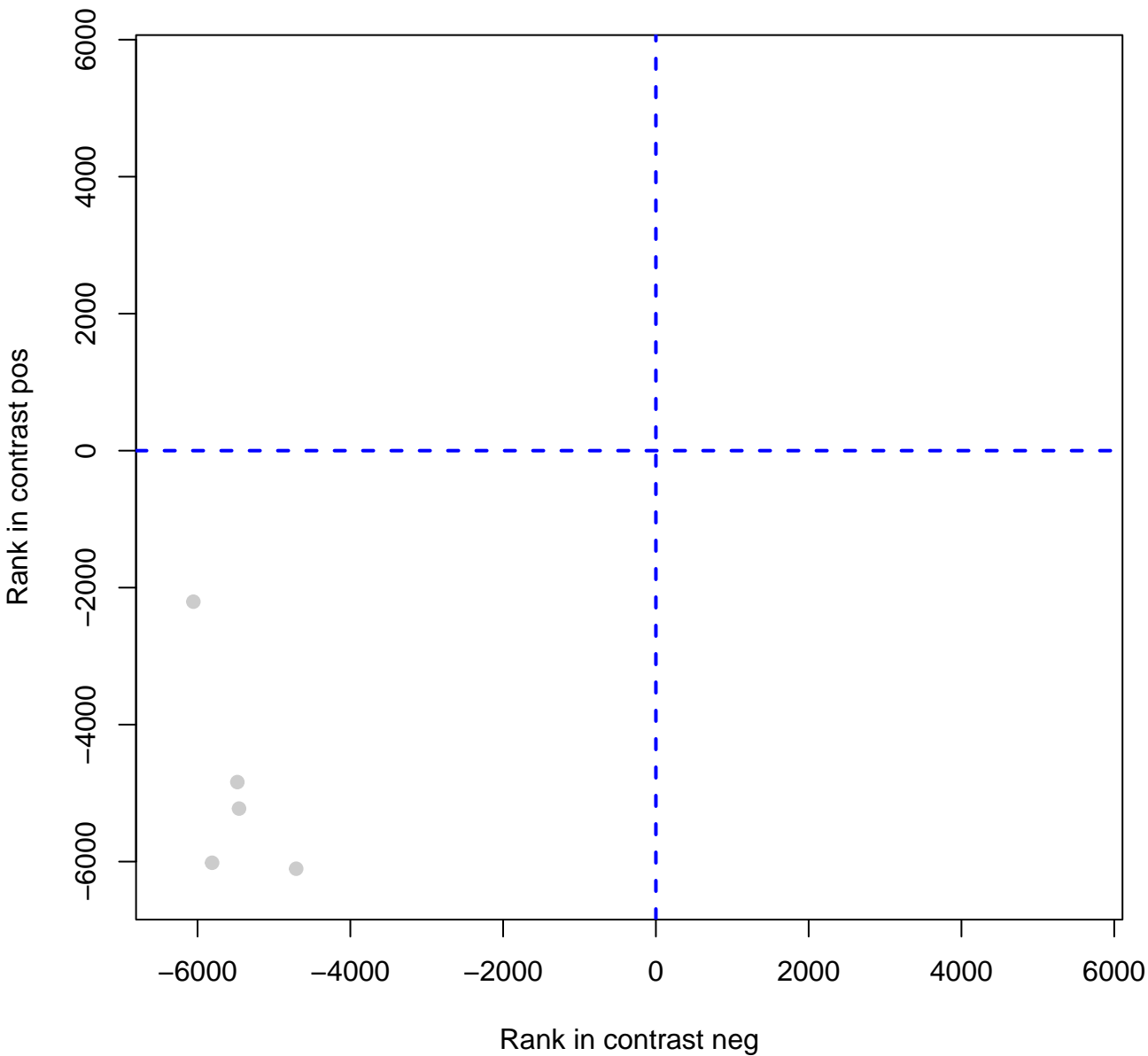
GOMF UBIQUITIN LIGASE INHIBITOR ACTIVITY



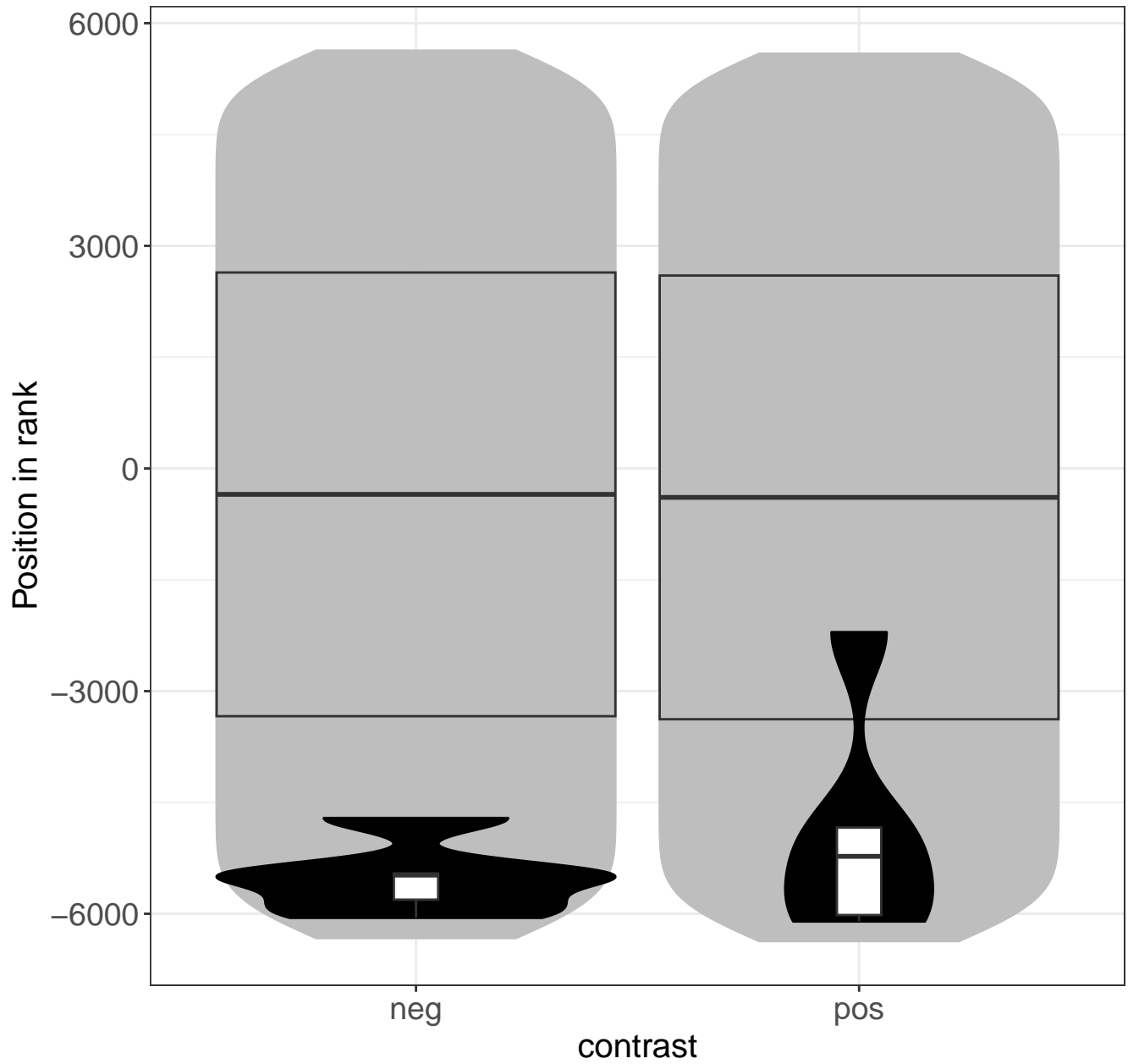
CORRELATION OF OXIDATIVE STRESS INDUCED INTRINSIC APOB



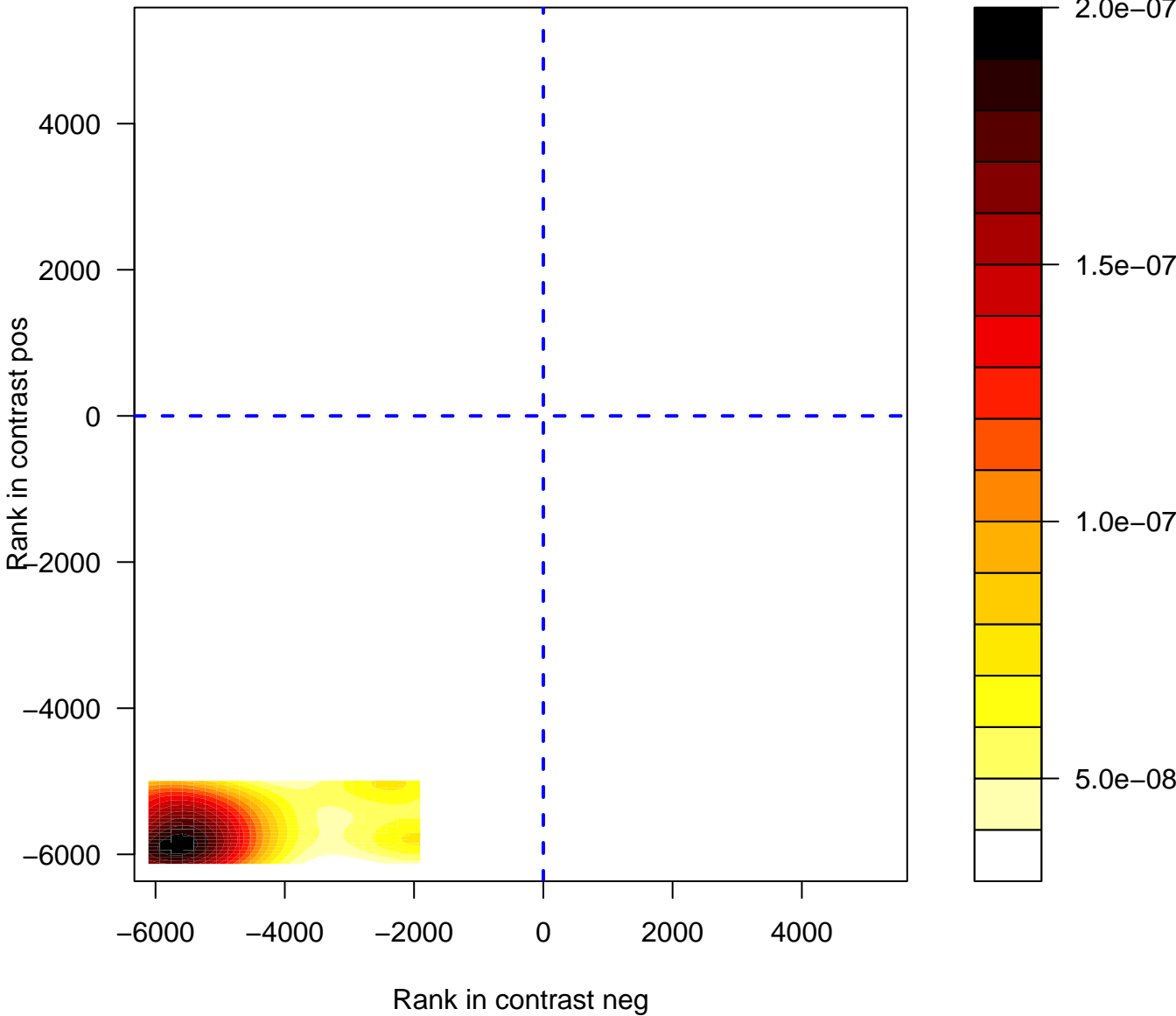
THE REGULATION OF OXIDATIVE STRESS INDUCED INTRINSIC APOPTOTIC SI



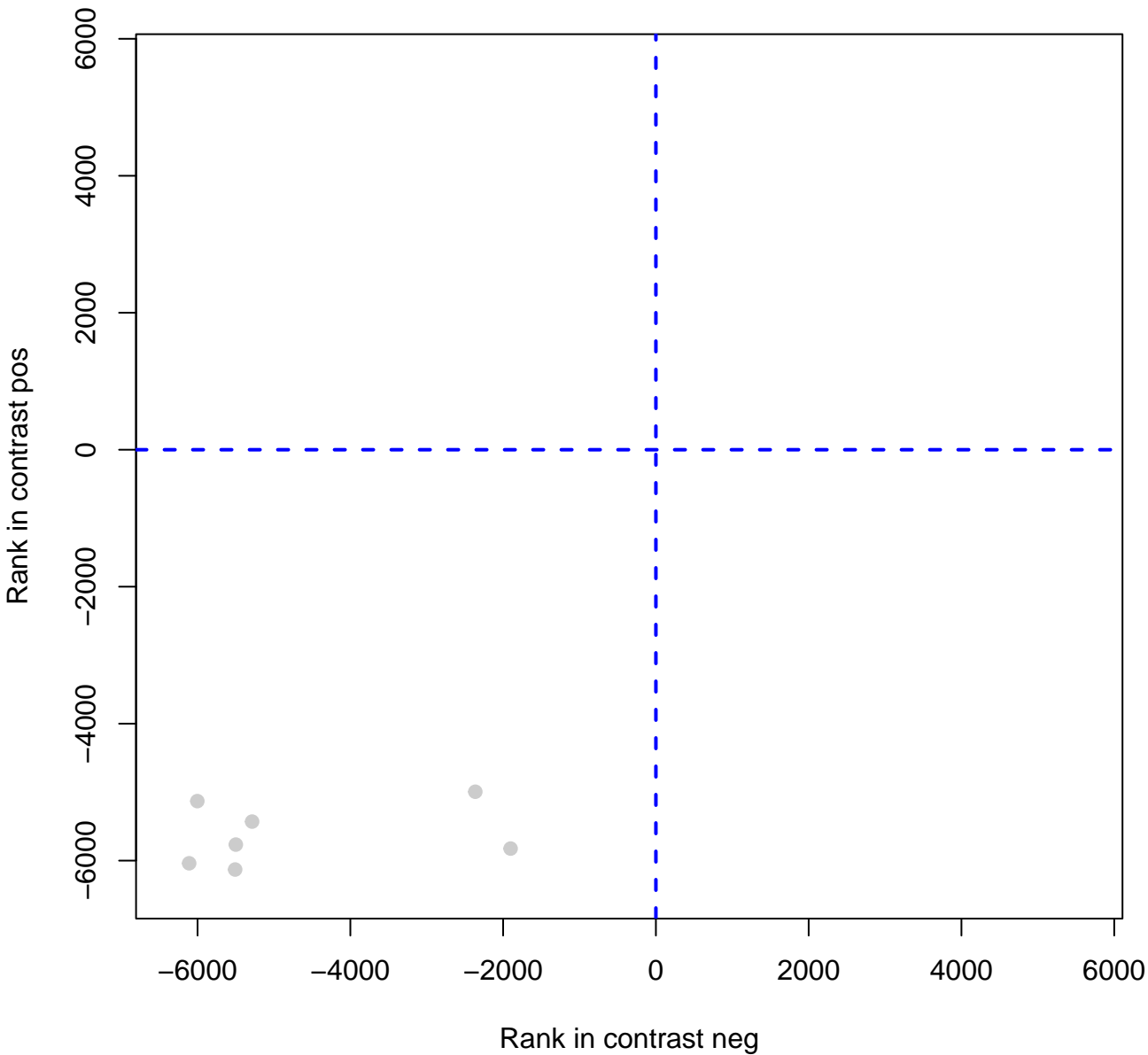
GOBP POSITIVE REGULATION OF OXIDATIVE S



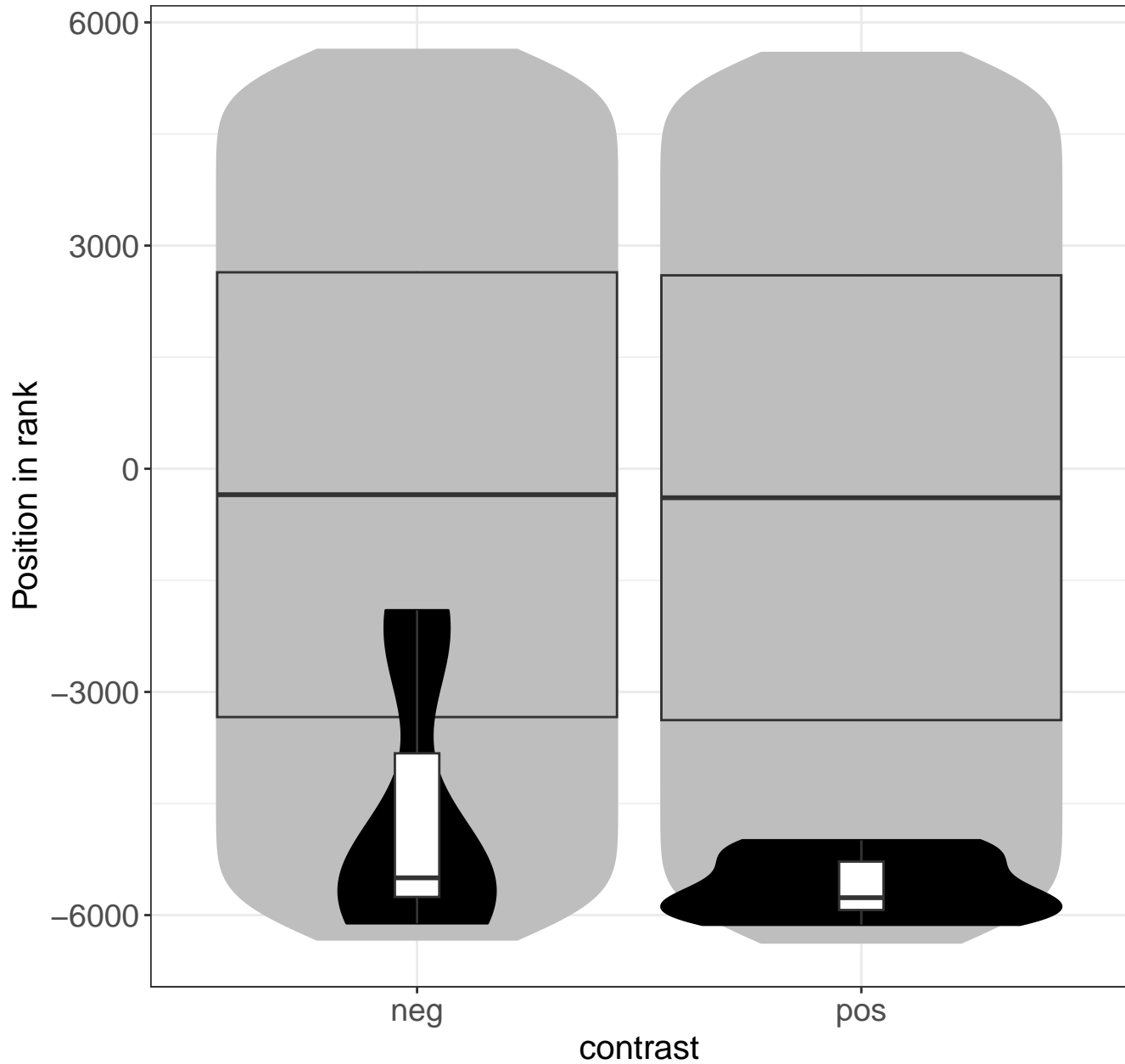
GOMF TAP BINDING



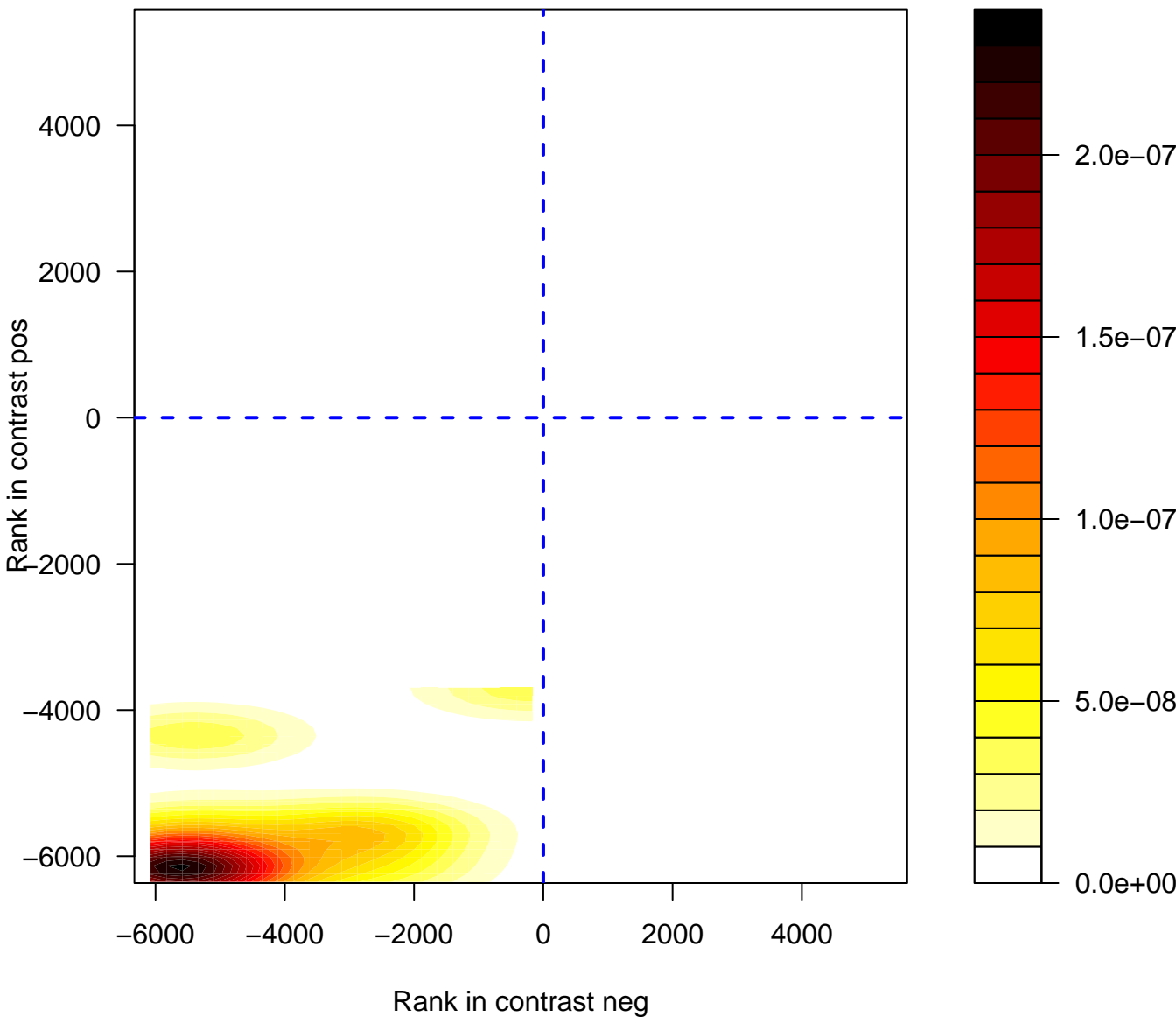
GOMF TAP BINDING



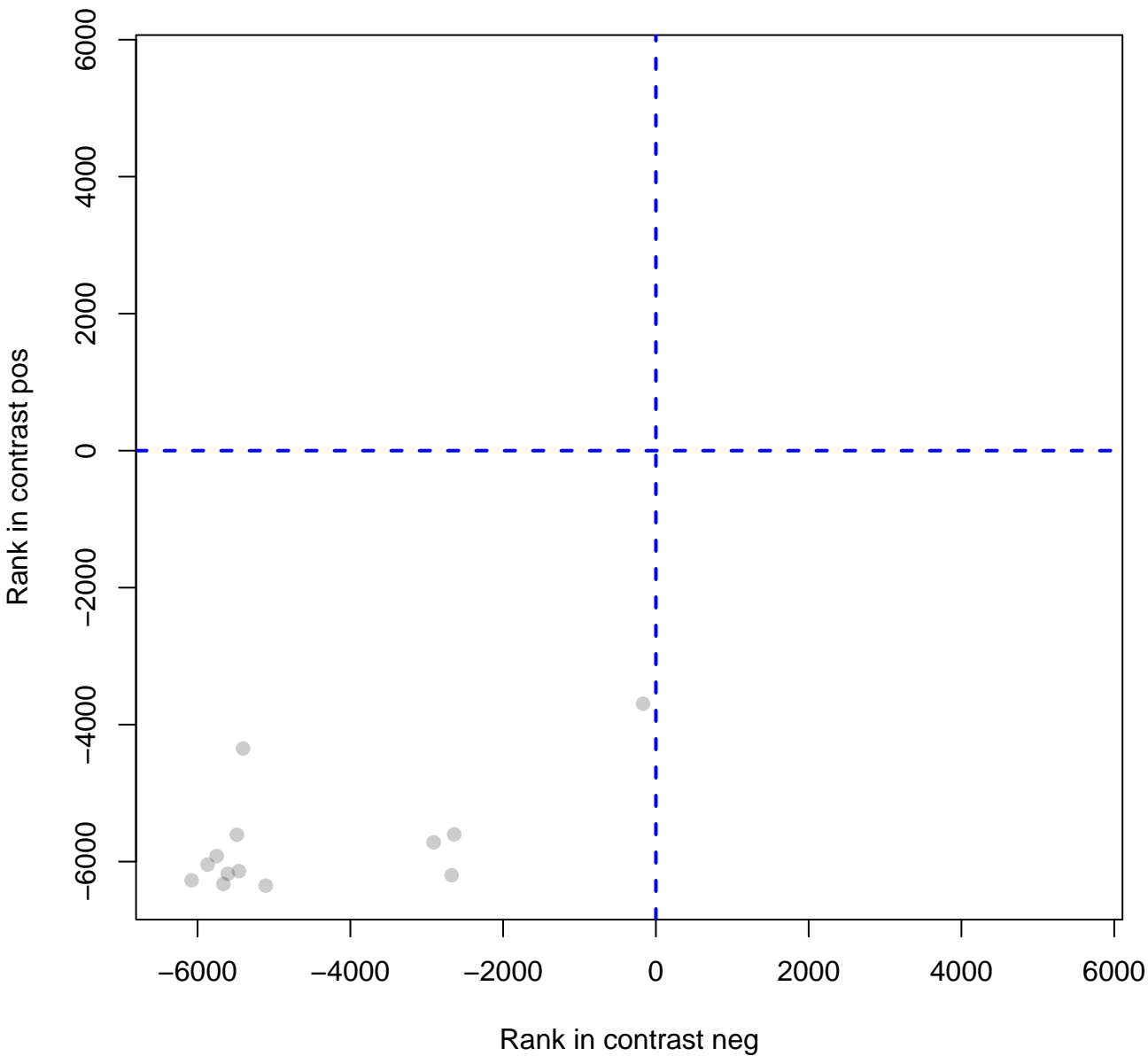
GOMF TAP BINDING



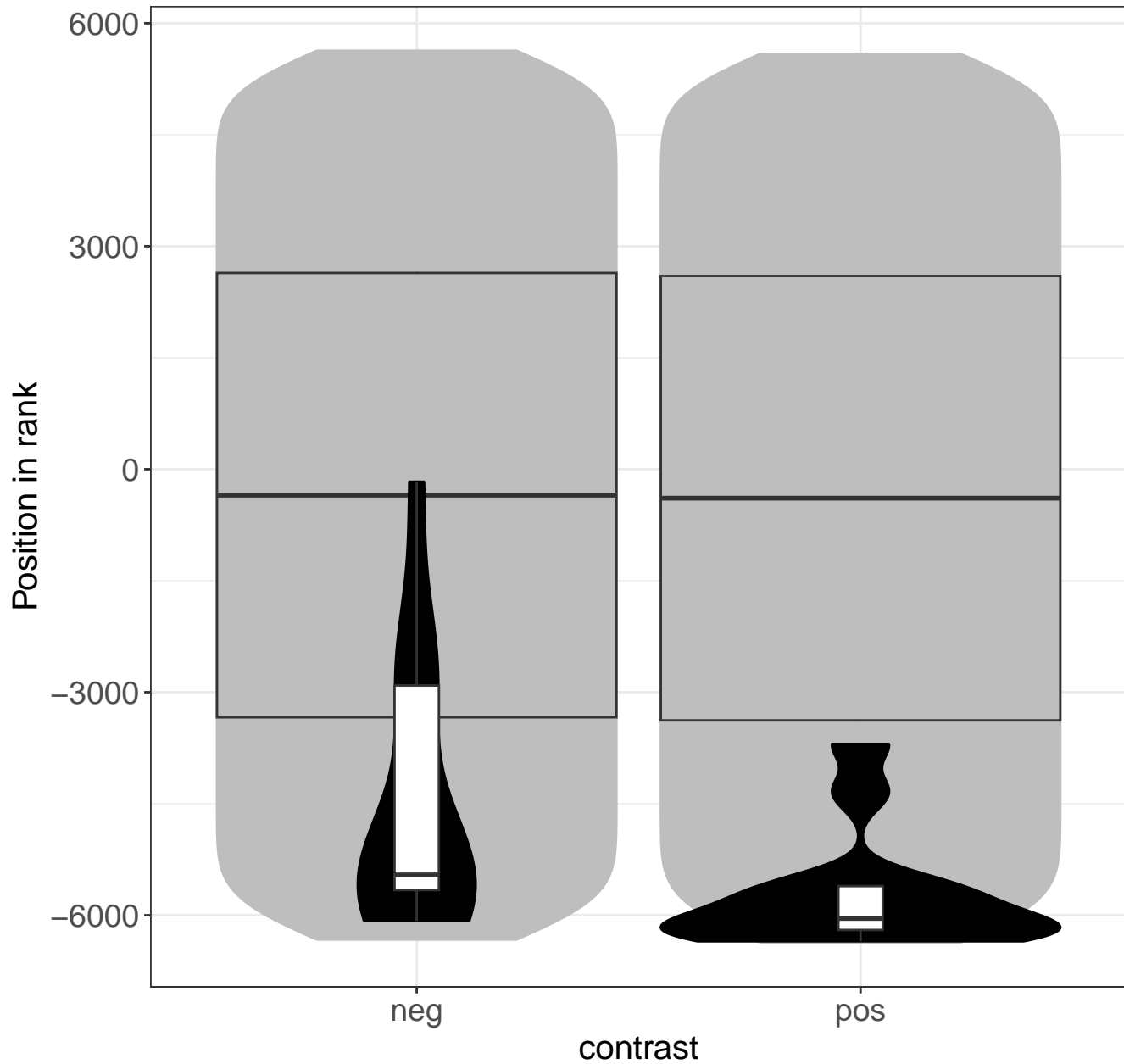
PROTON TRANSPORTING ATP SYNTHASE COMPLEX COUPLI



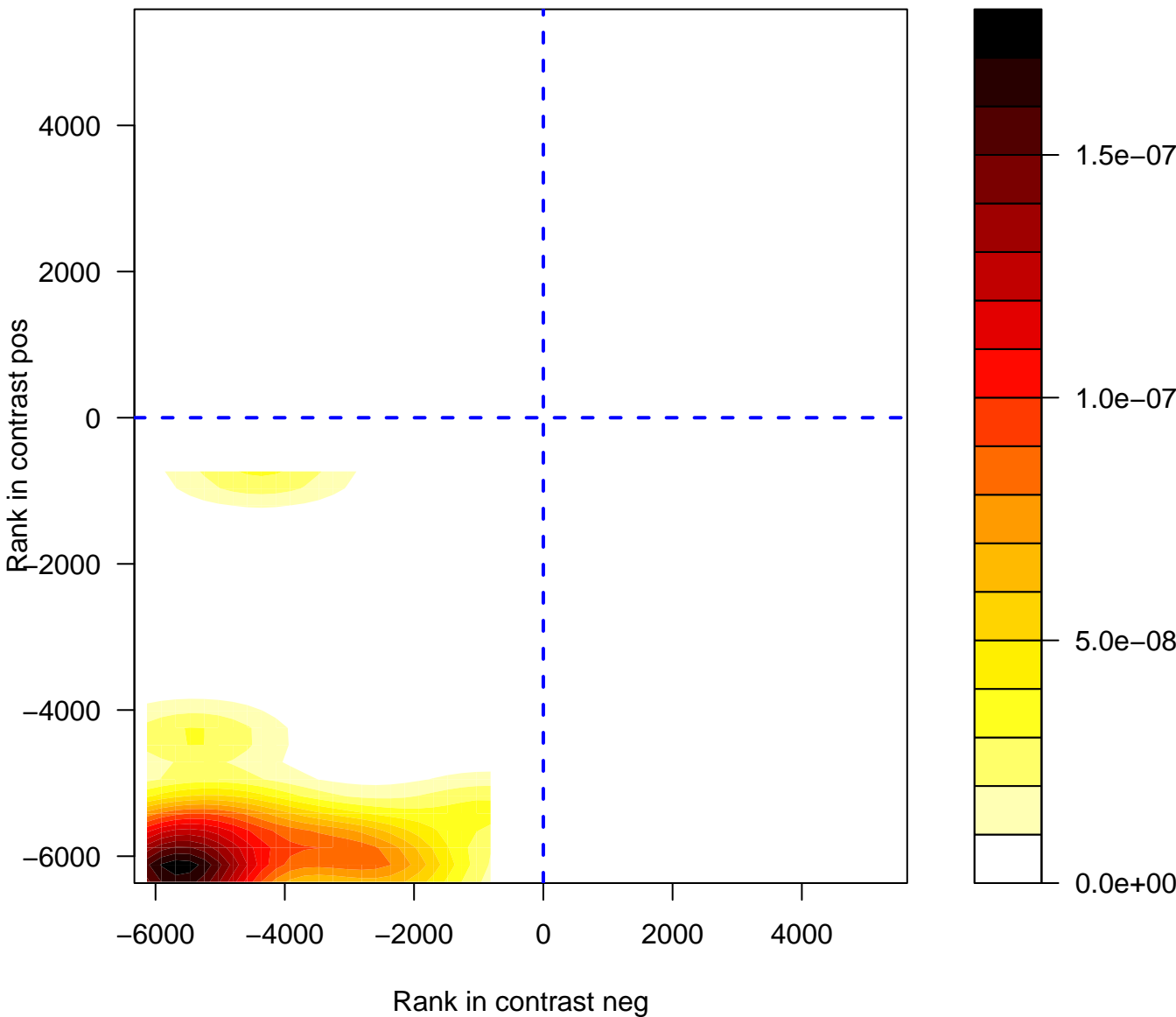
COCC PROTON TRANSPORTING ATP SYNTHASE COMPLEX COUPLING FACT



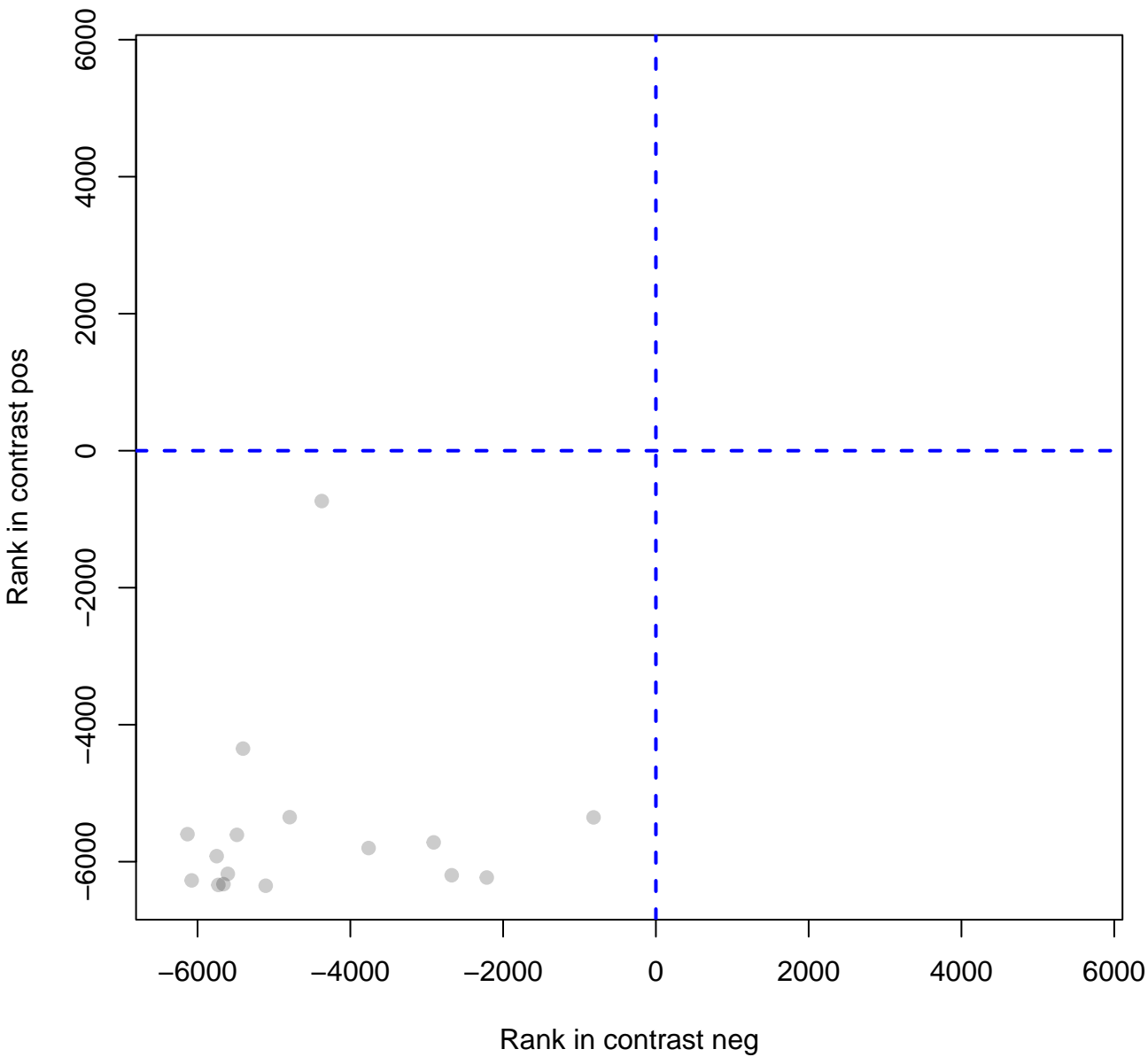
GOCC PROTON TRANSPORTING ATP SYNTHA



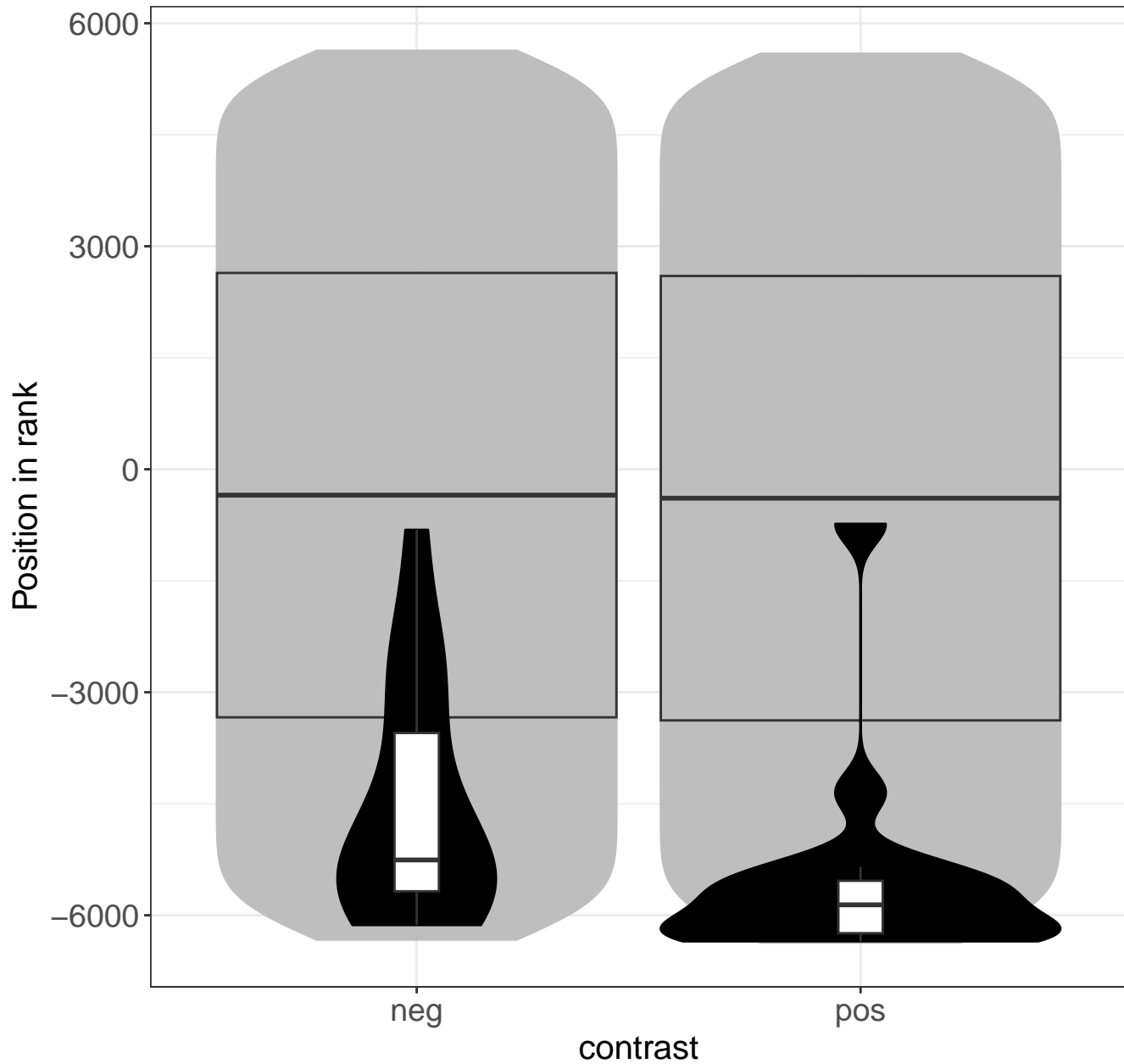
PHOTON TRANSPORTING ATP SYNTHASE ACTIVITY ROTATION



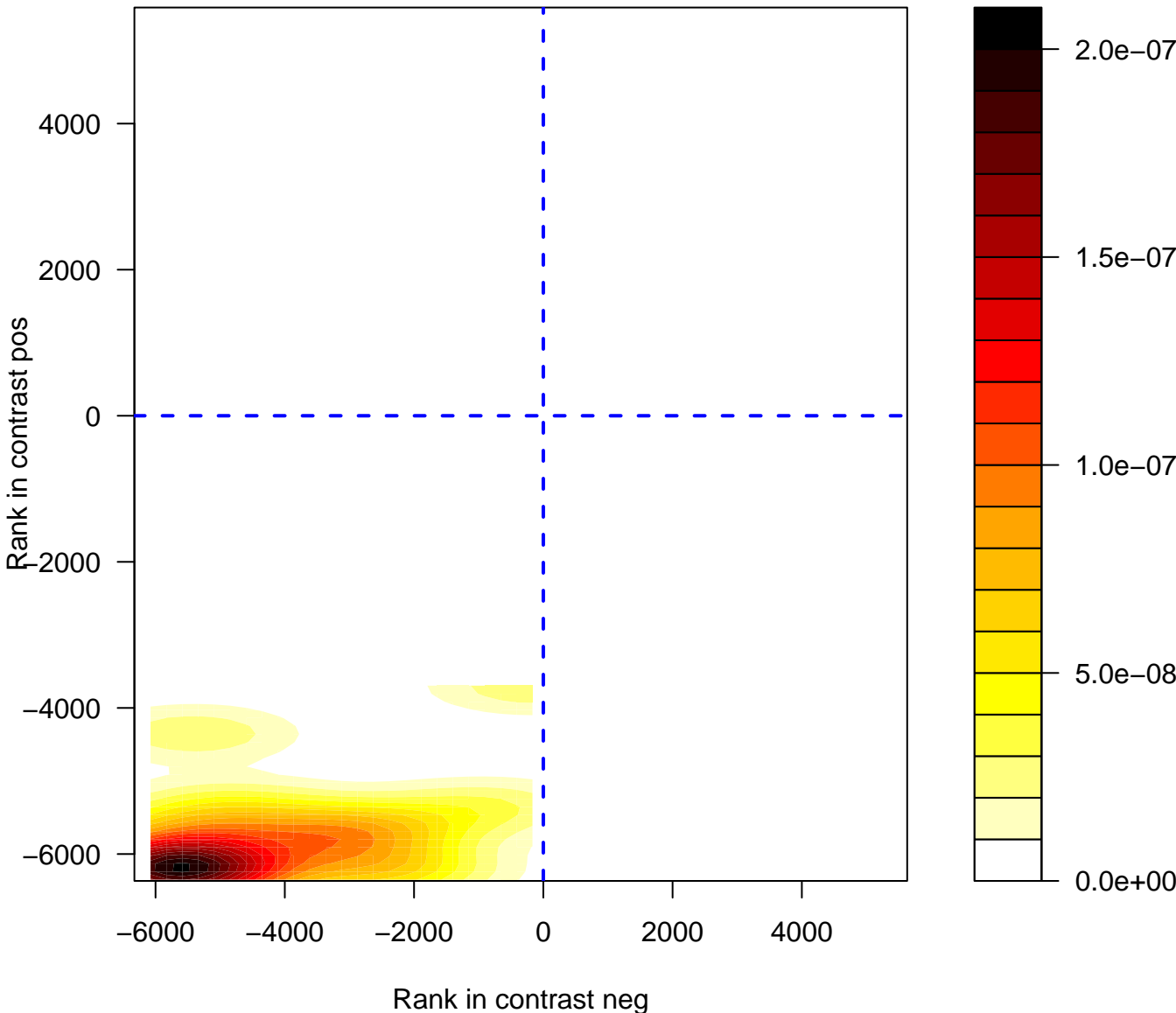
MF PROTON TRANSPORTING ATP SYNTHASE ACTIVITY ROTATIONAL MECH



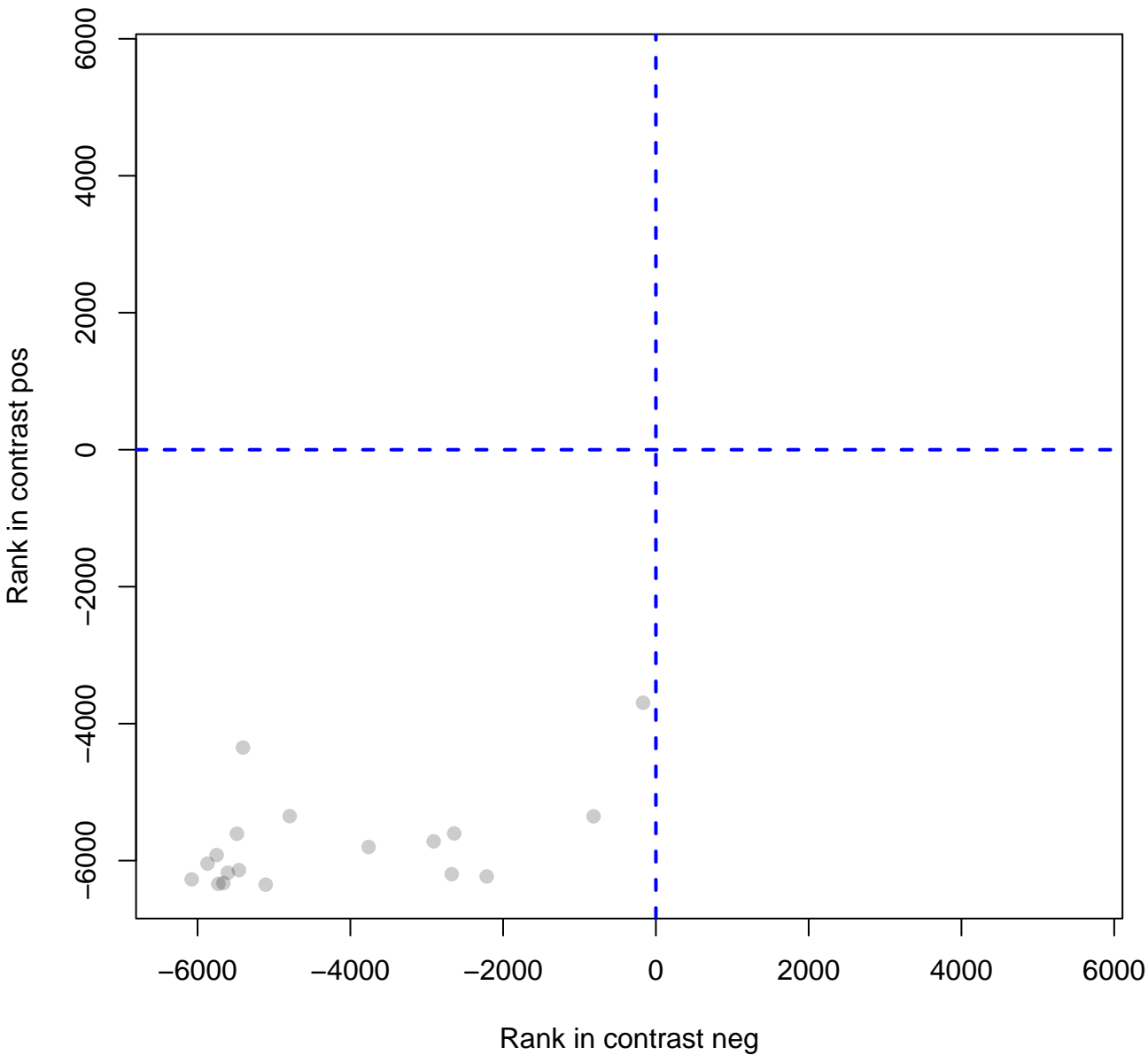
GOMF PROTON TRANSPORTING ATP SYNTHA



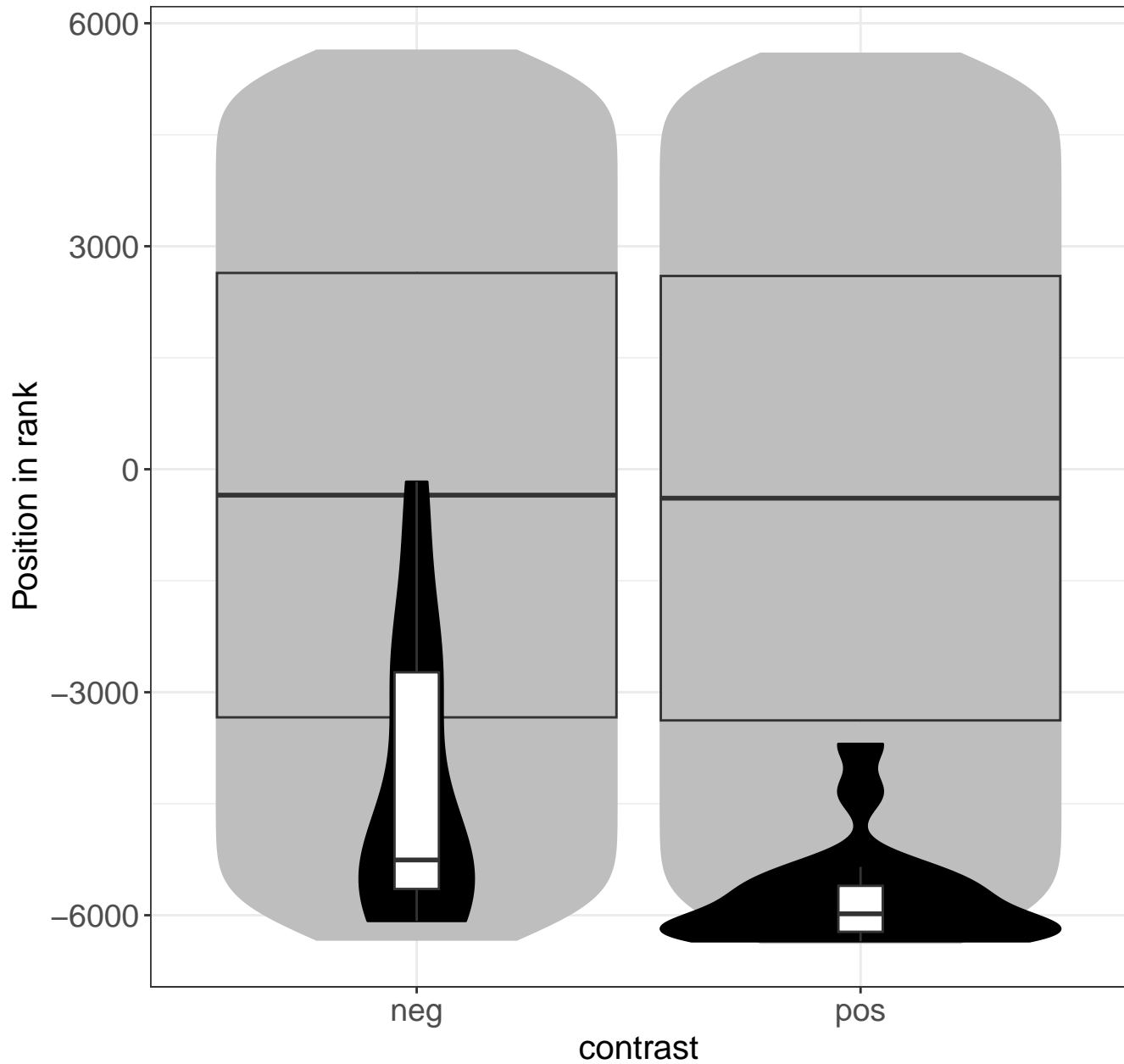
GOCC PROTON TRANSPORTING ATP SYNTHASE COMPL



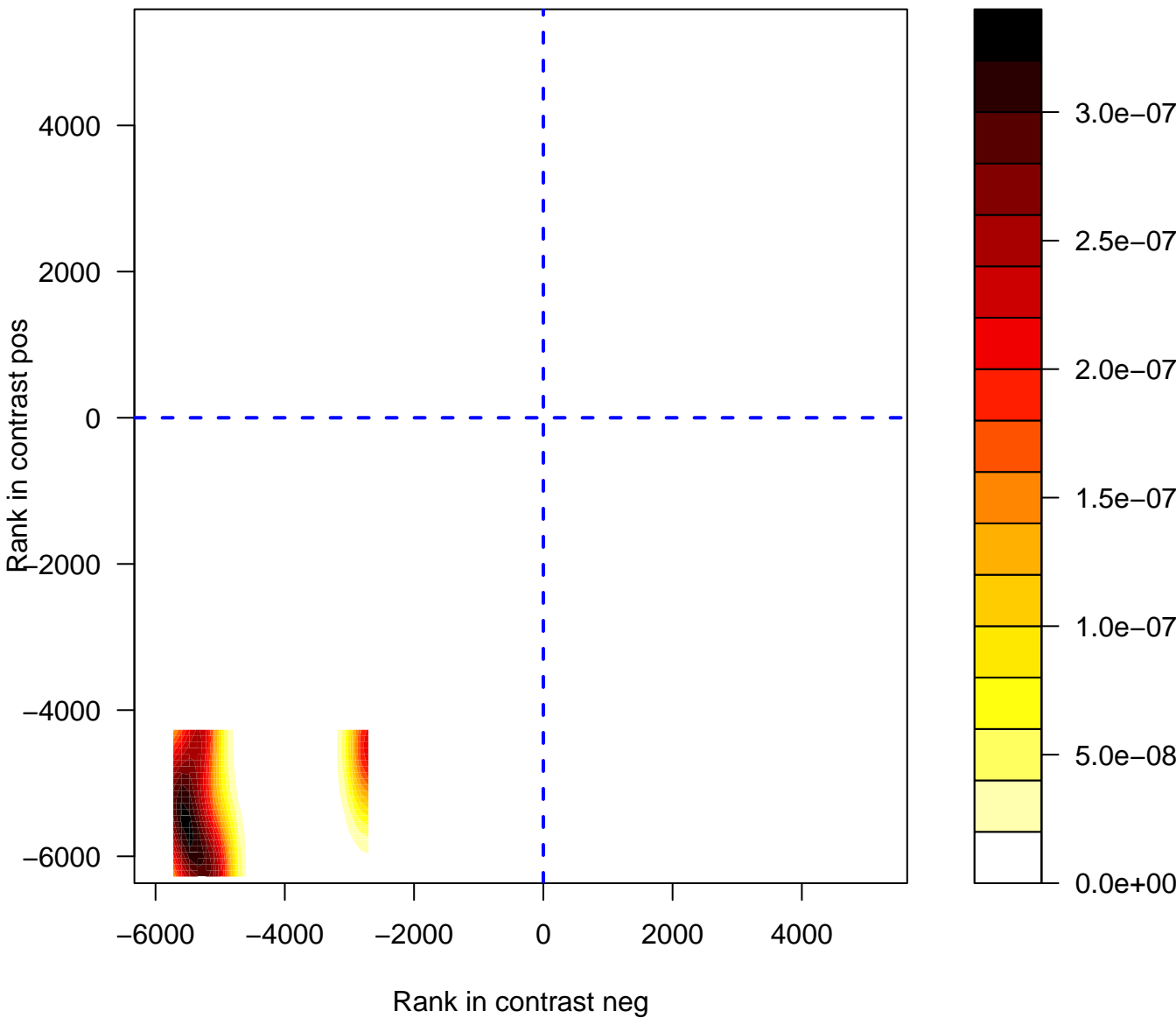
GOCC PROTON TRANSPORTING ATP SYNTHASE COMPLEX



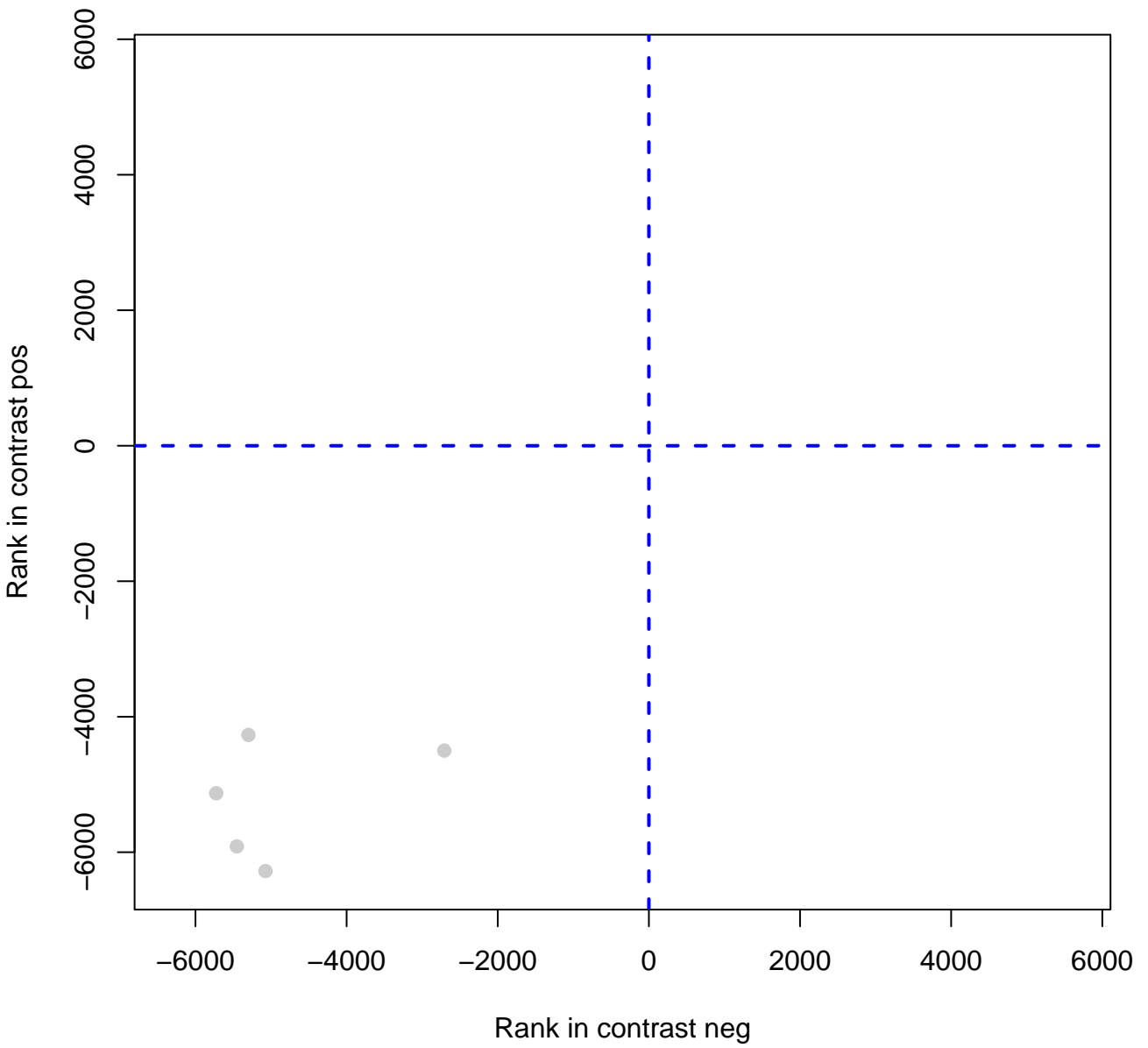
GOCC PROTON TRANSPORTING ATP SYNTHA



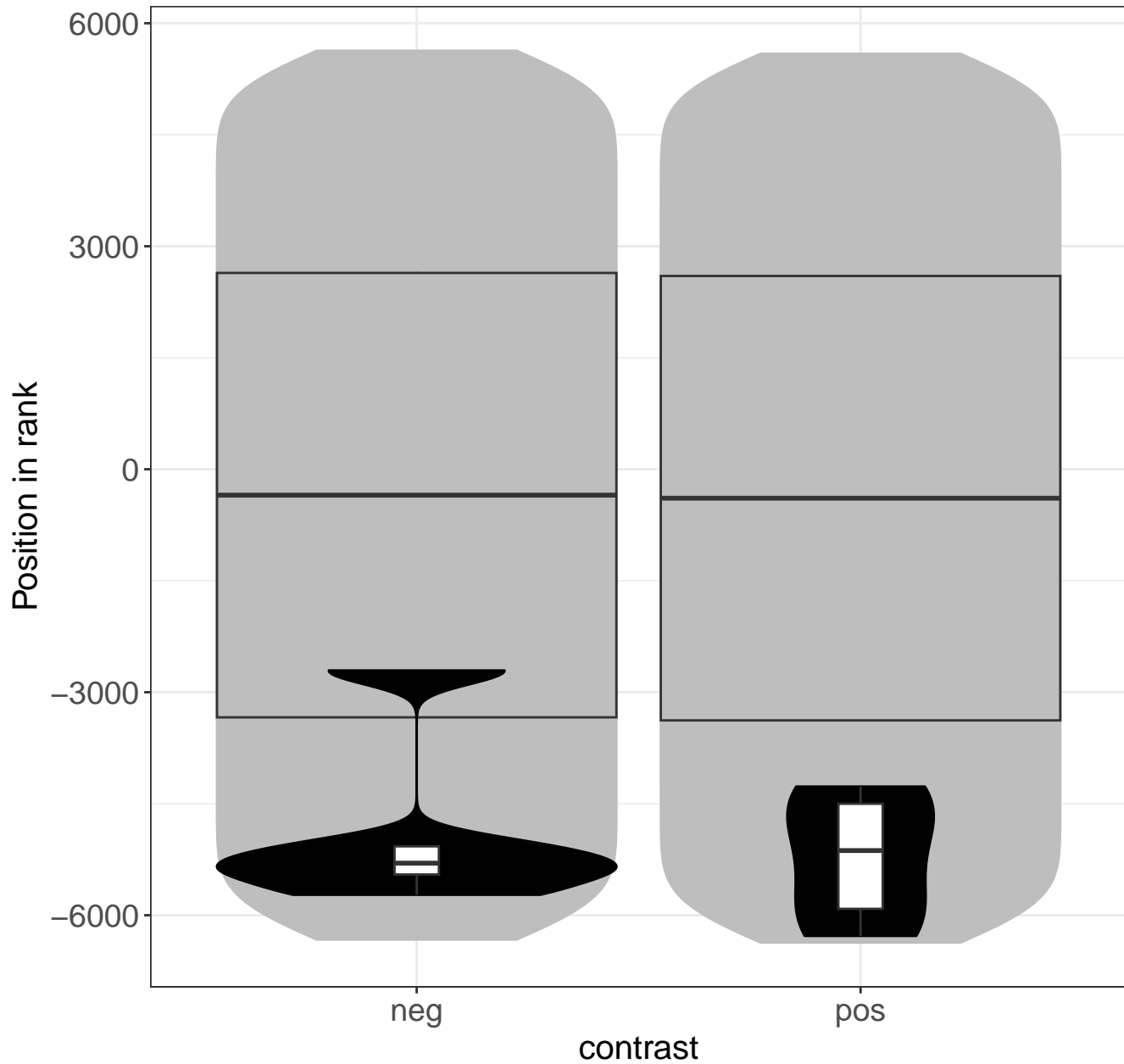
GOCC SIGNAL PEPTIDASE COMPLEX



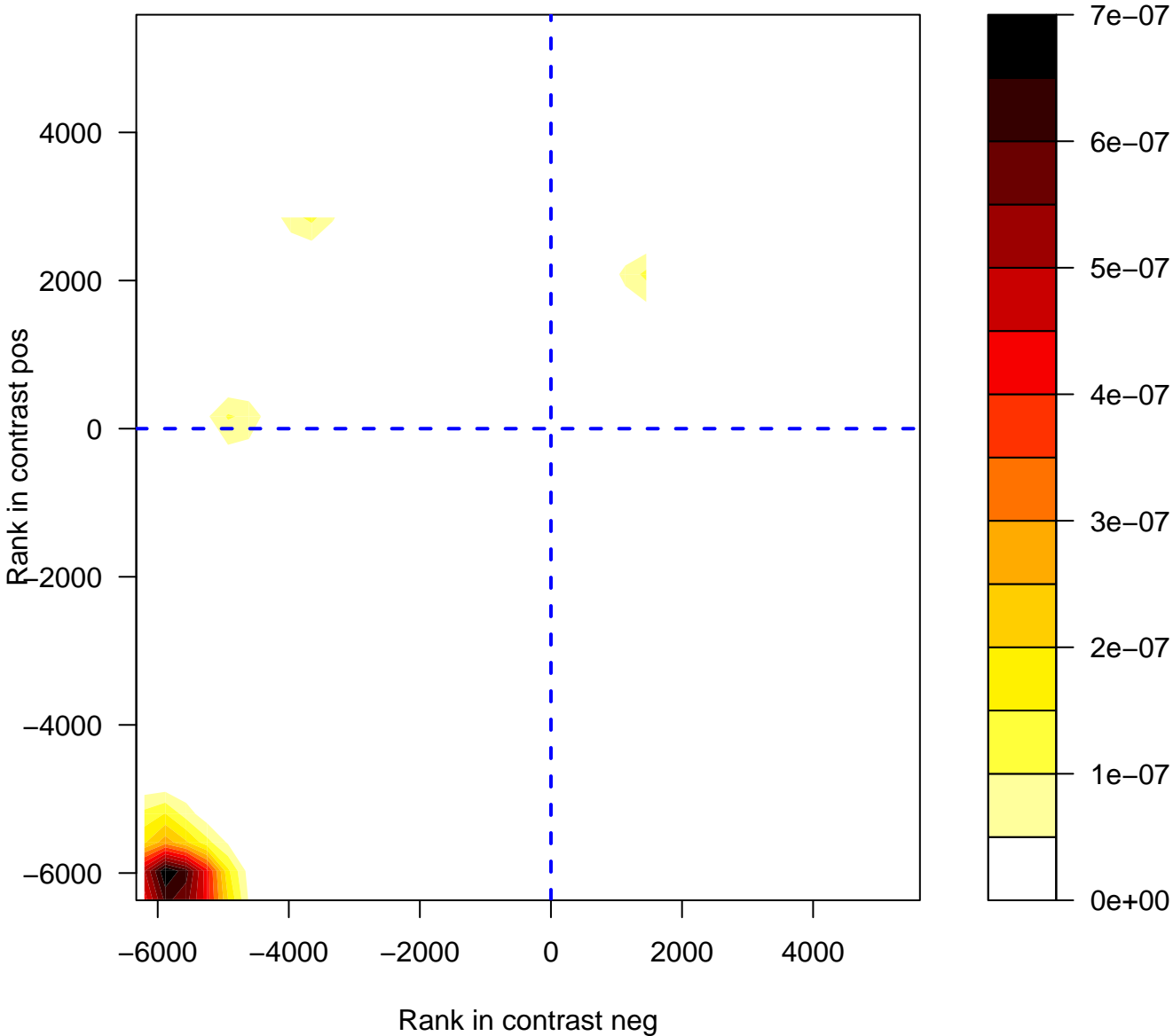
GOCC SIGNAL PEPTIDASE COMPLEX



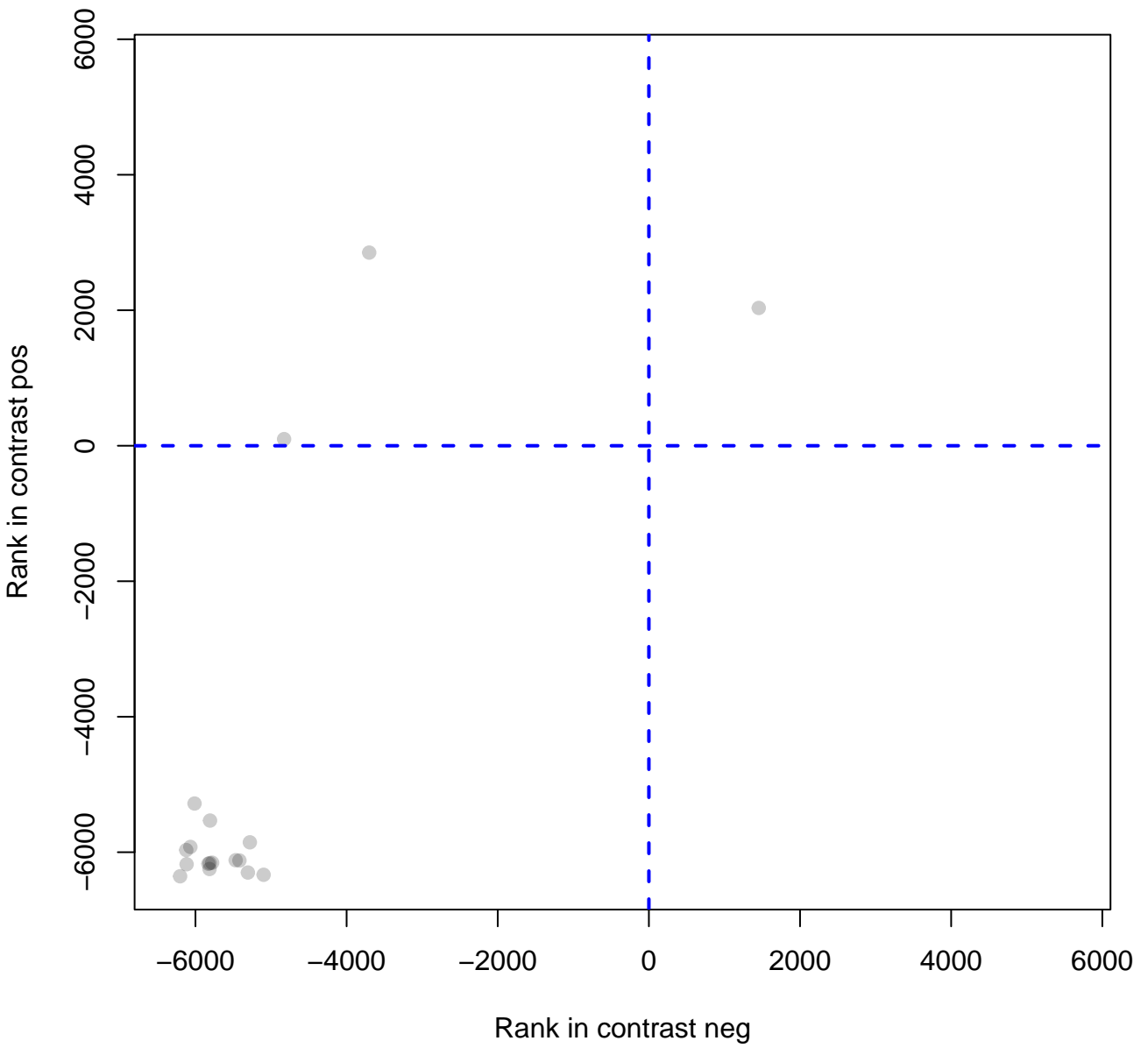
GOCC SIGNAL PEPTIDASE COMPLEX



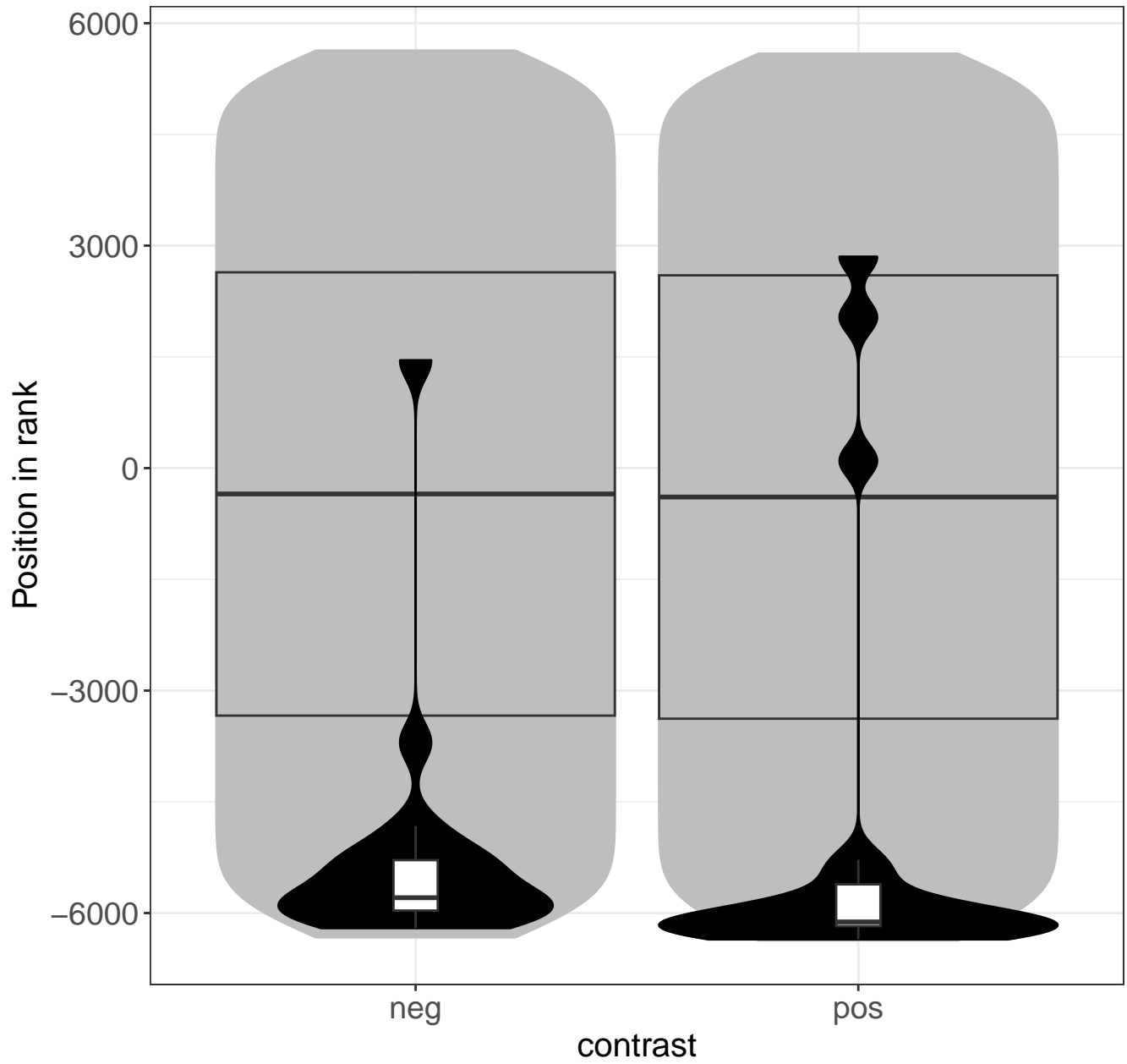
MITOCHONDRIAL ELECTRON TRANSPORT CYTOCHROME C



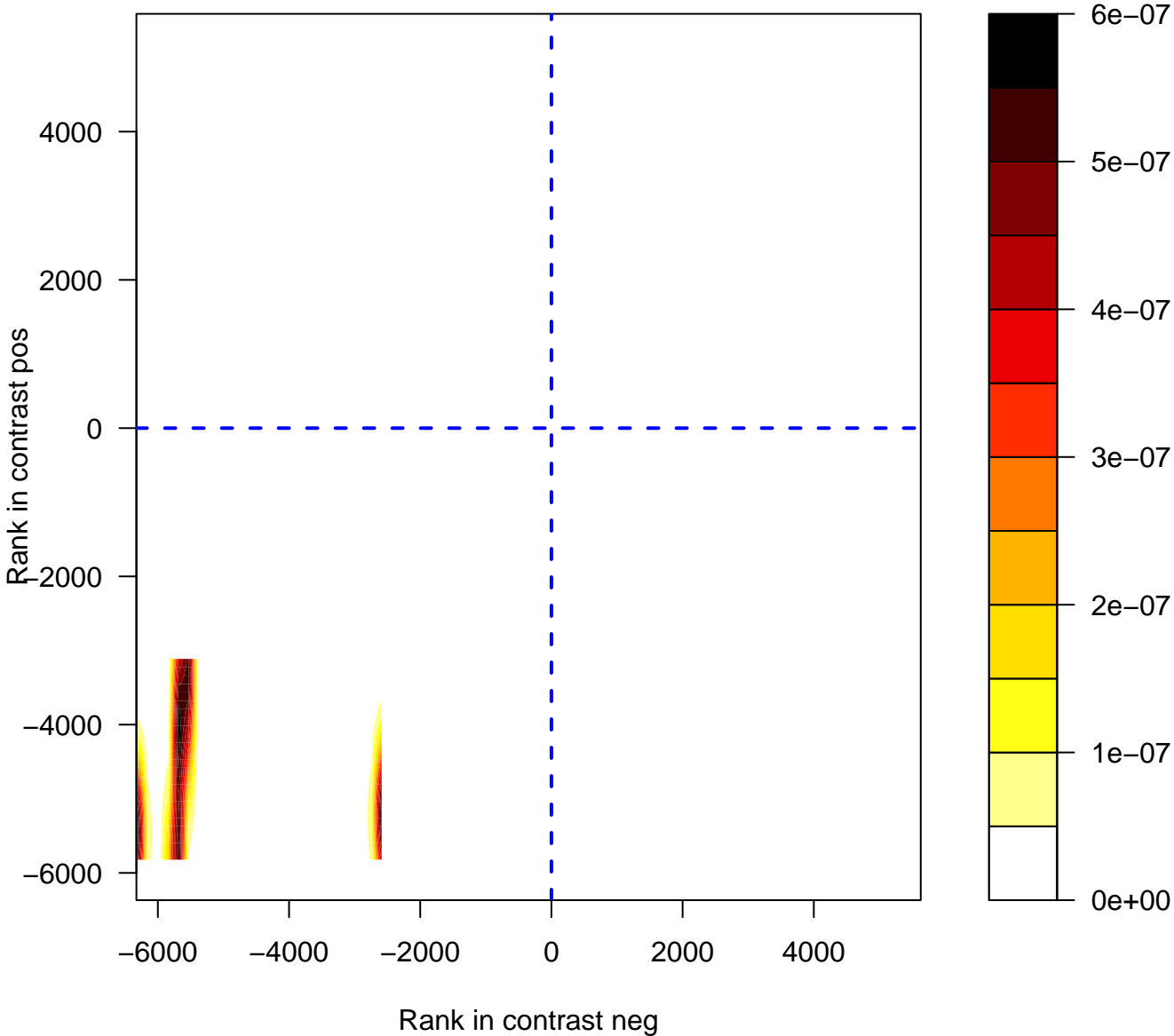
GOBP MITOCHONDRIAL ELECTRON TRANSPORT CYTOCHROME C TO OXY



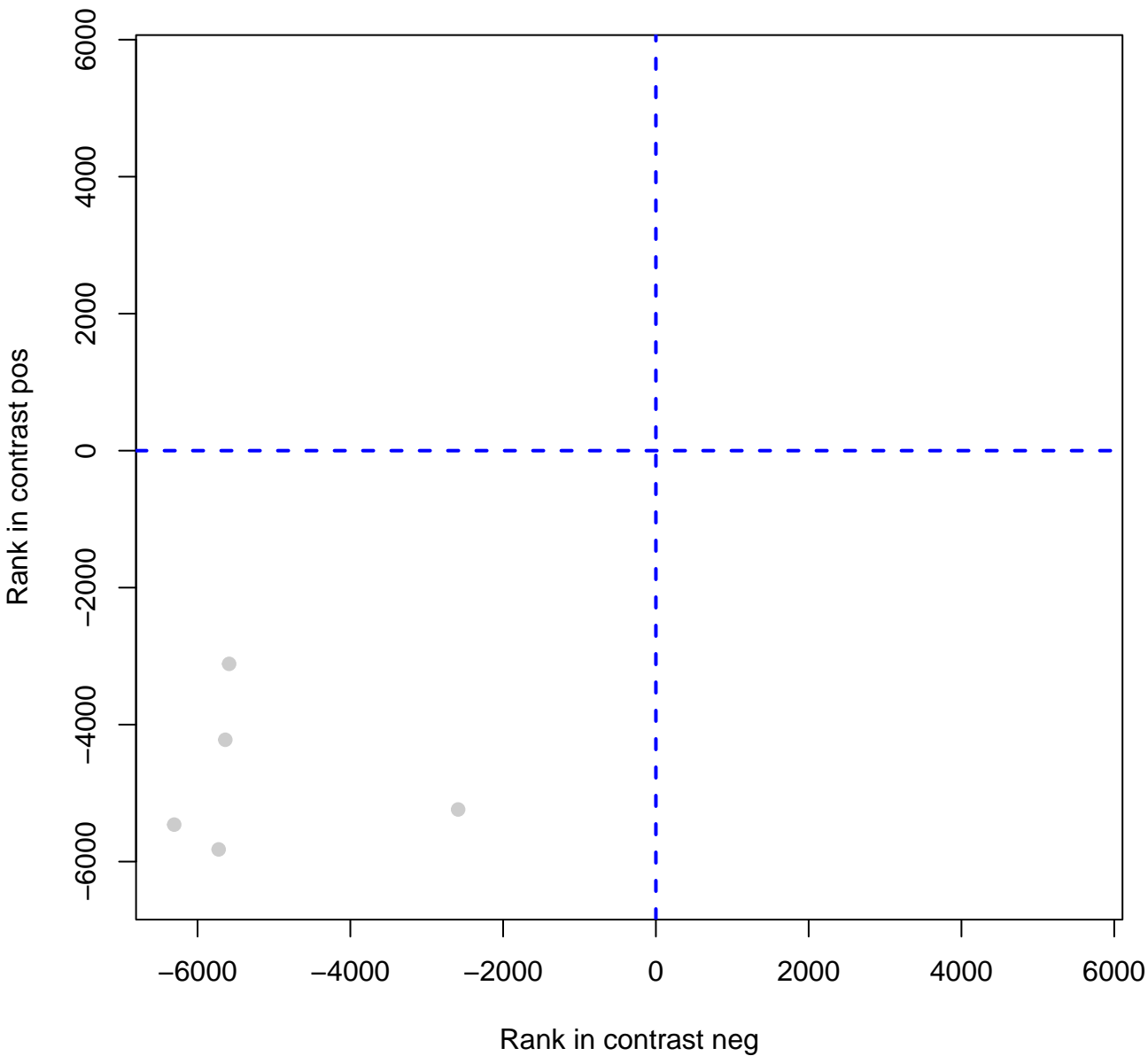
GOBP MITOCHONDRIAL ELECTRON TRANSPOR



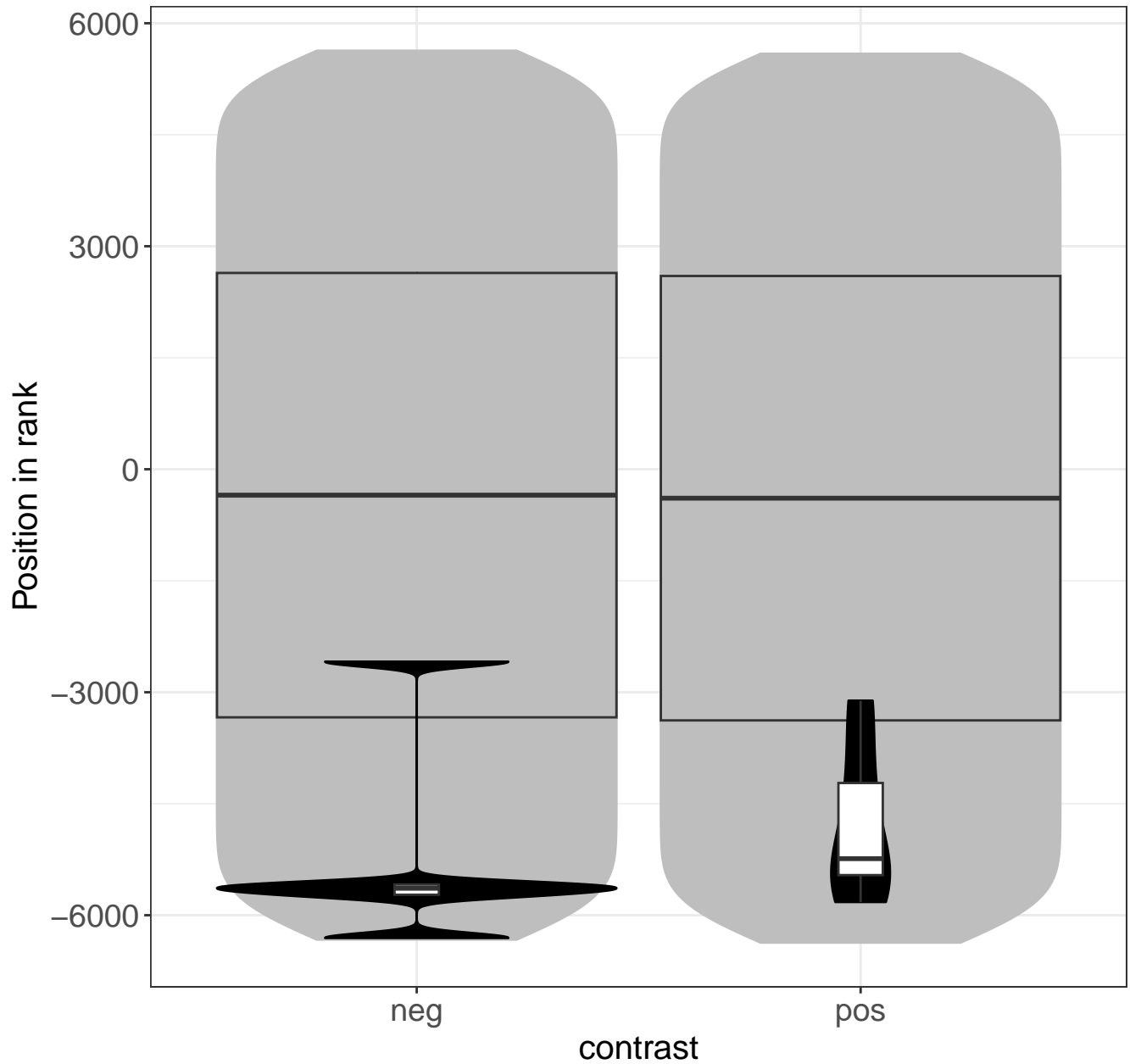
GOBP NEGATIVE REGULATION OF FIBROBLAST MIGRAT



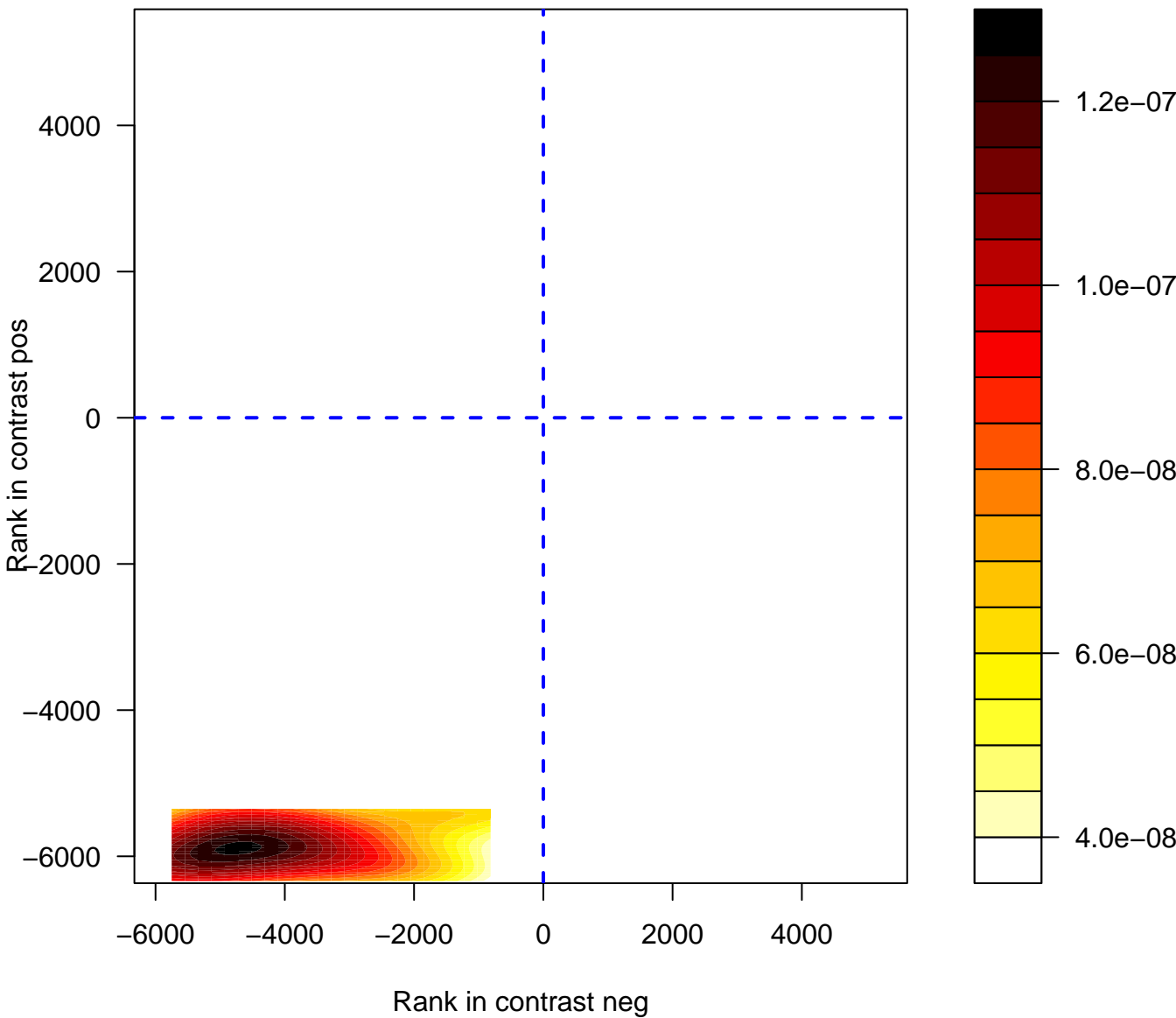
GOBP NEGATIVE REGULATION OF FIBROBLAST MIGRATION



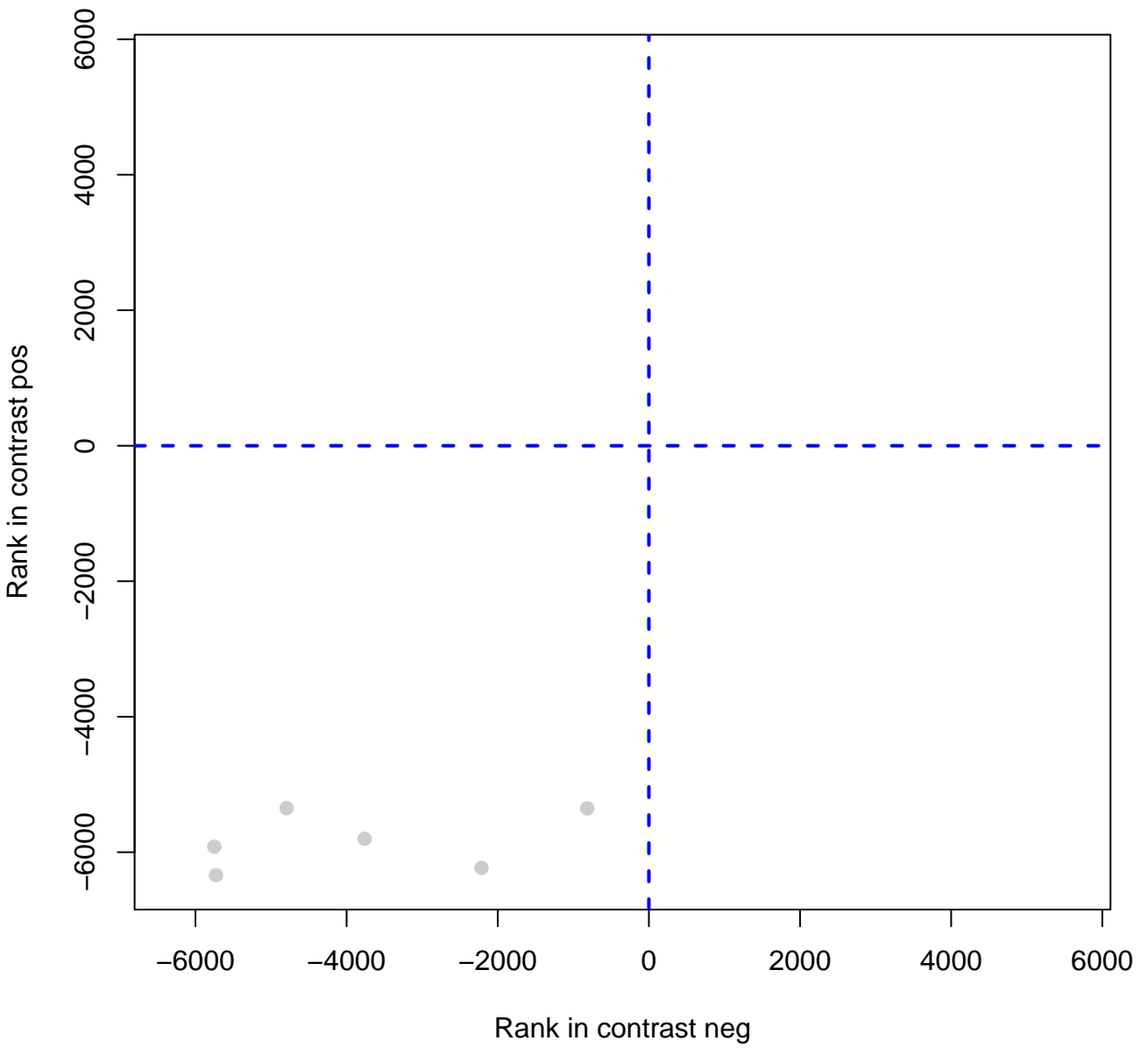
GOBP NEGATIVE REGULATION OF FIBROBLAS



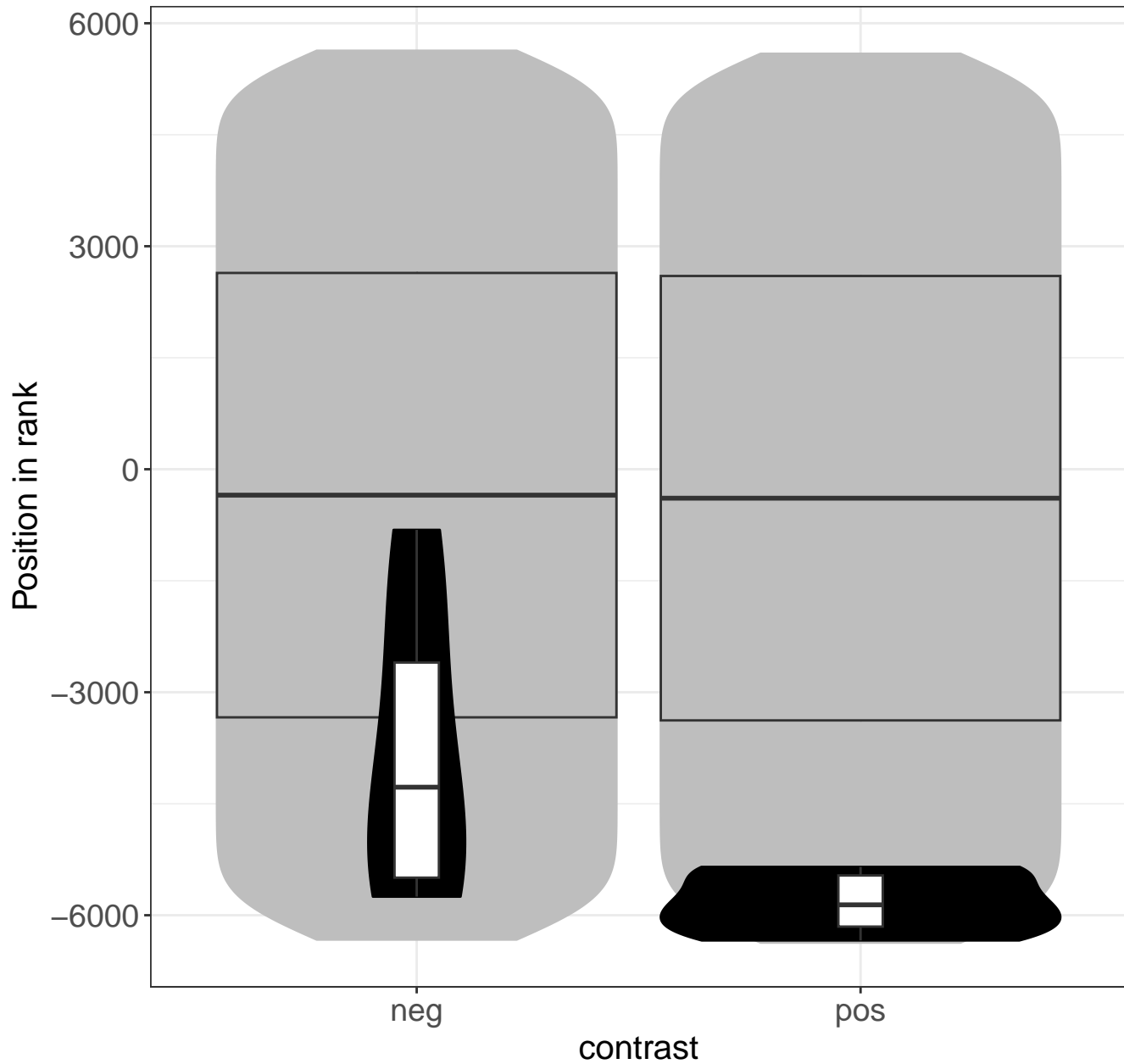
PROTON TRANSPORTING ATP SYNTHASE COMPLEX CATALY



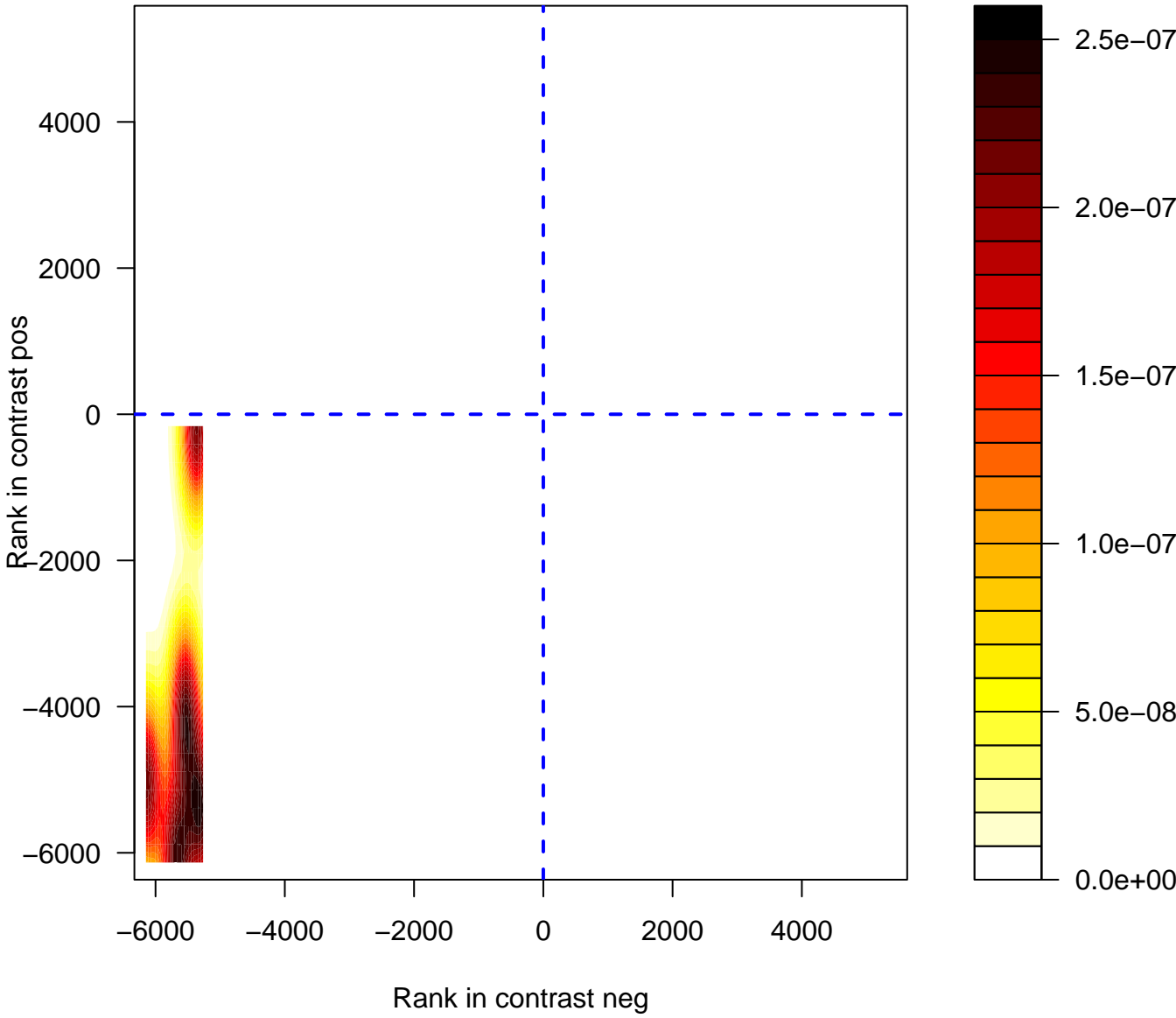
COCC PROTON TRANSPORTING ATP SYNTHASE COMPLEX CATALYTIC COF



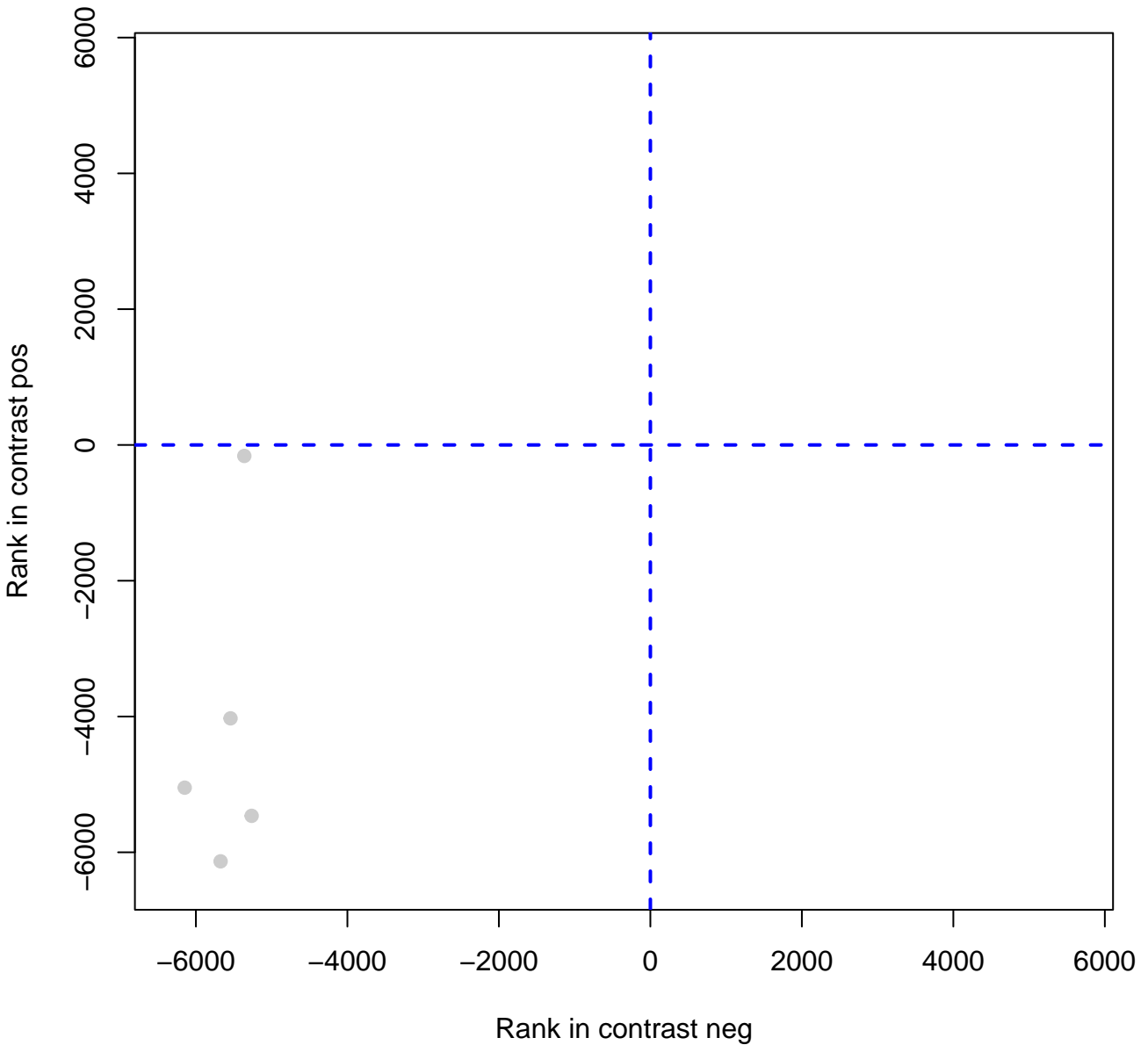
GOCC PROTON TRANSPORTING ATP SYNTHA



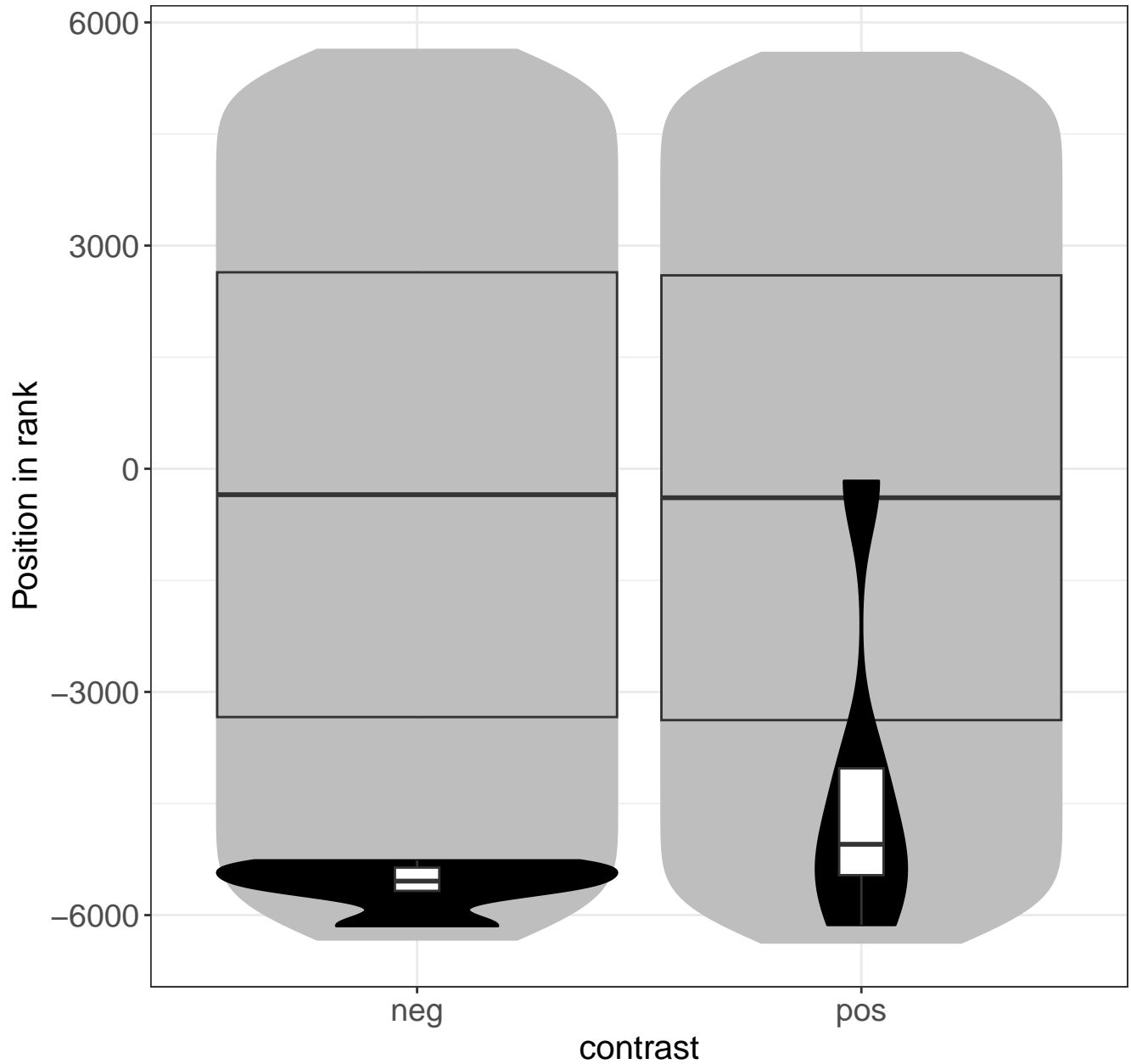
GOBP CALCIUM ION EXPORT ACROSS PLASMA MEMBRANE



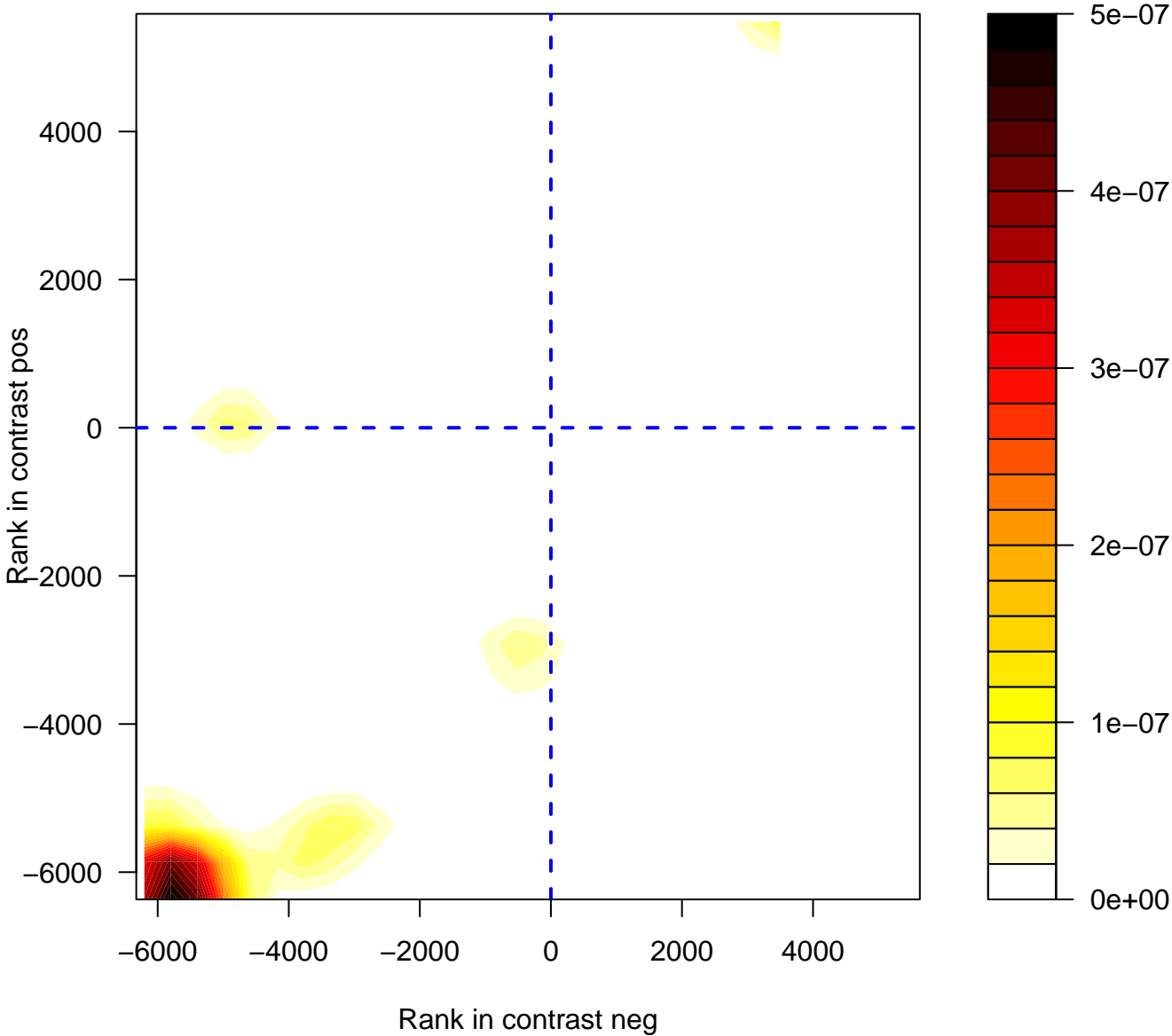
GOBP CALCIUM ION EXPORT ACROSS PLASMA MEMBRANE



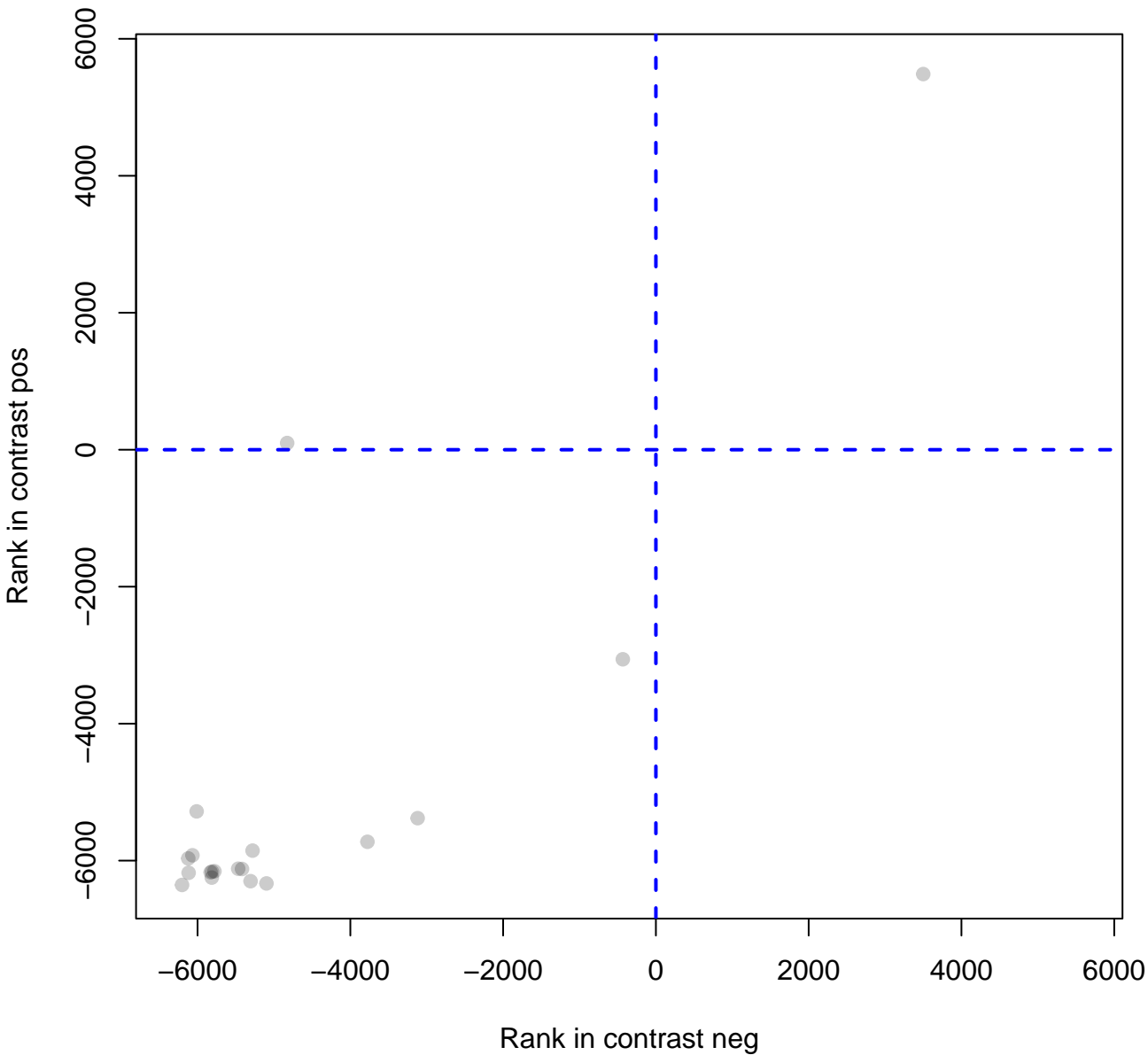
GOBP CALCIUM ION EXPORT ACROSS PLASMA



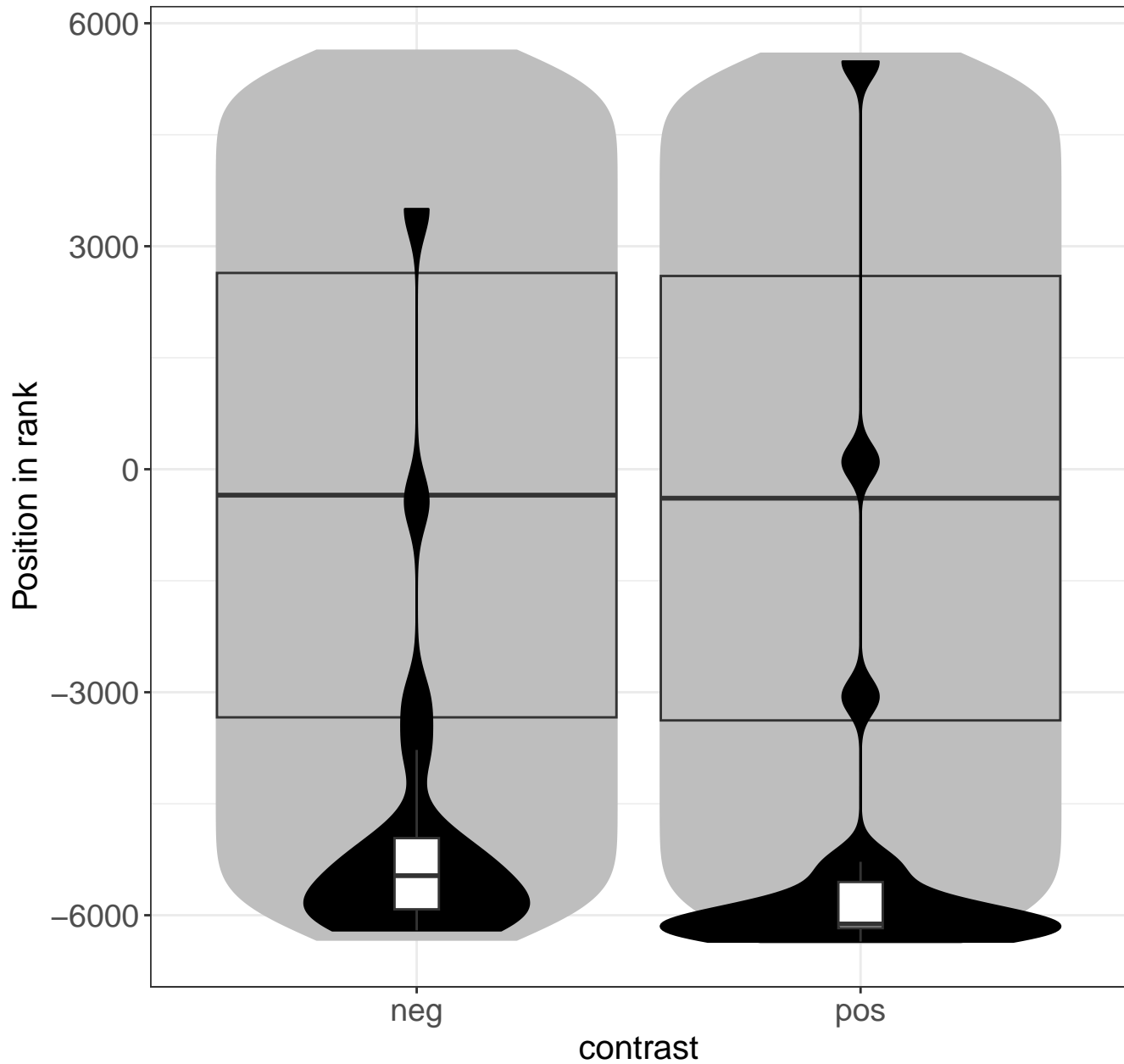
GOCC RESPIRATORY CHAIN COMPLEX IV



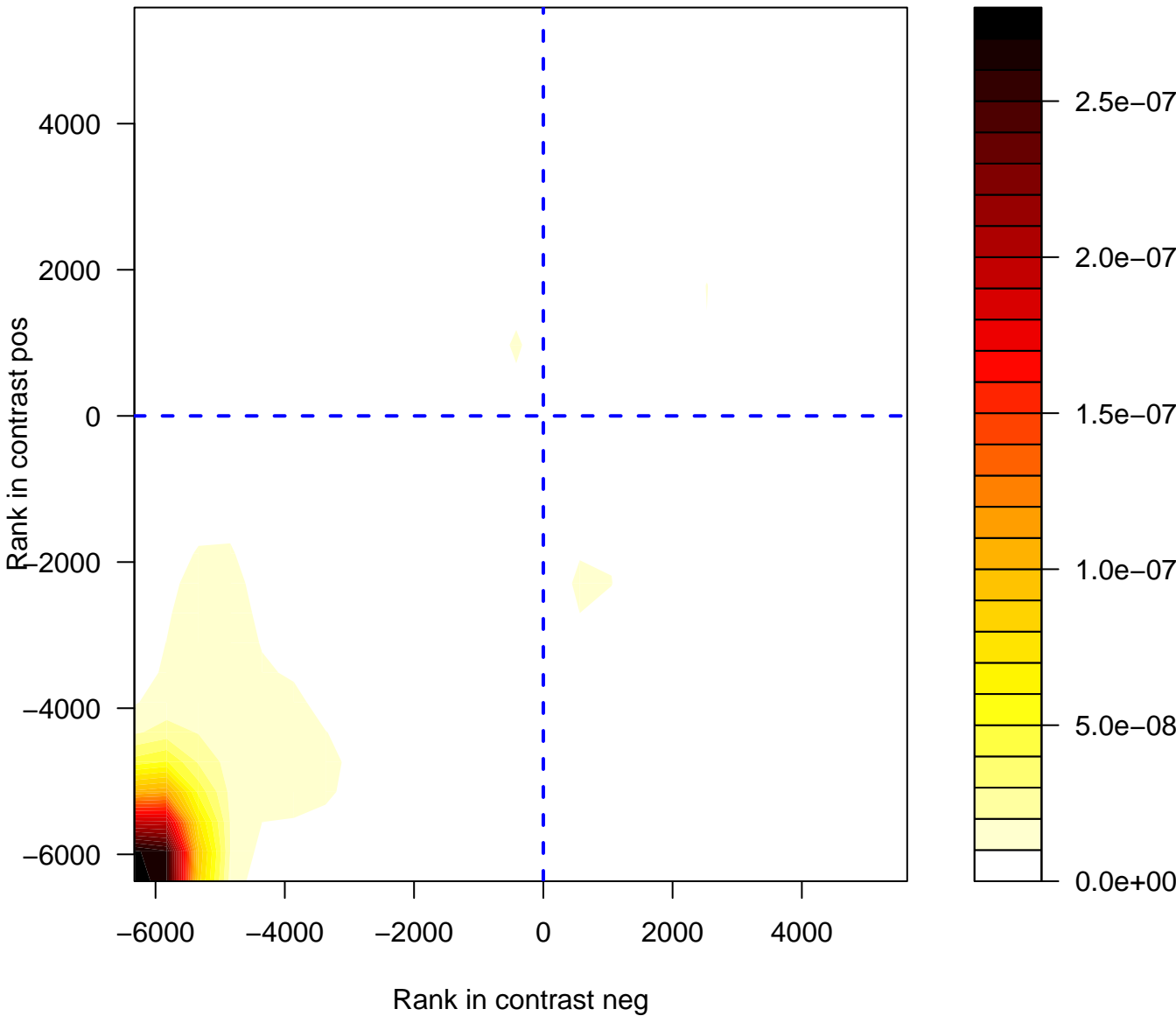
GOCC RESPIRATORY CHAIN COMPLEX IV



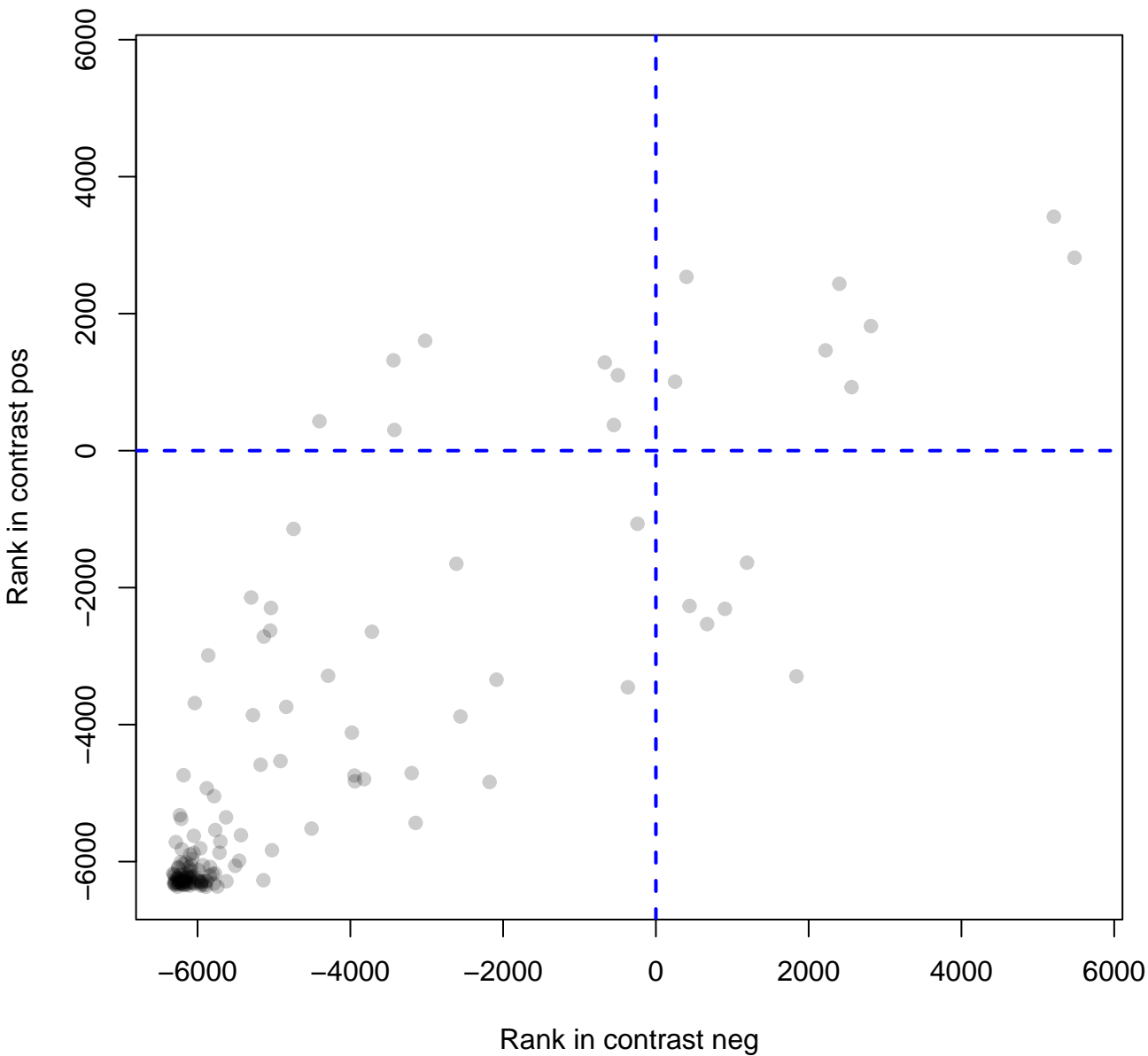
GOCC RESPIRATORY CHAIN COMPLEX IV



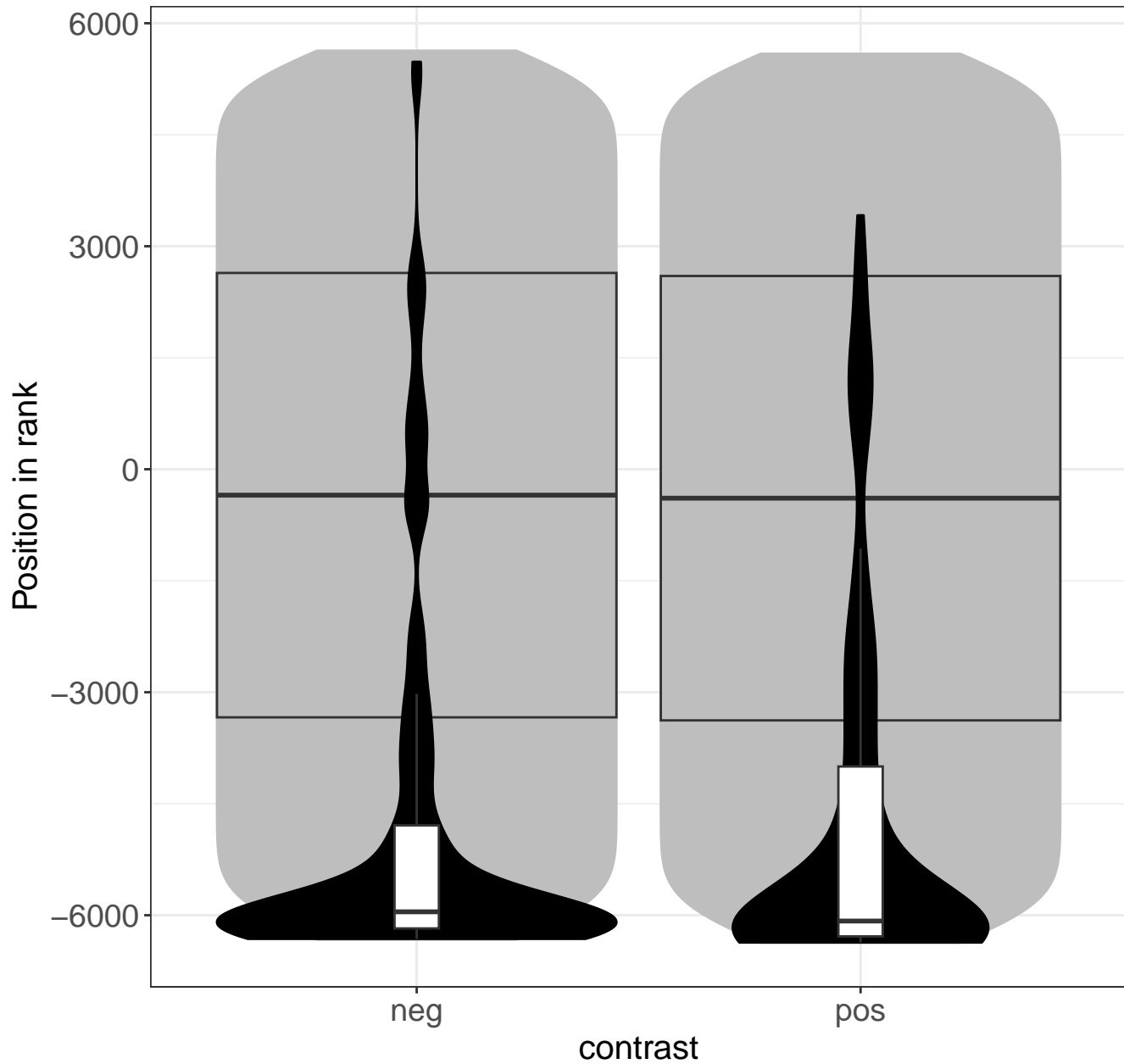
GOBP CYTOPLASMIC TRANSLATION



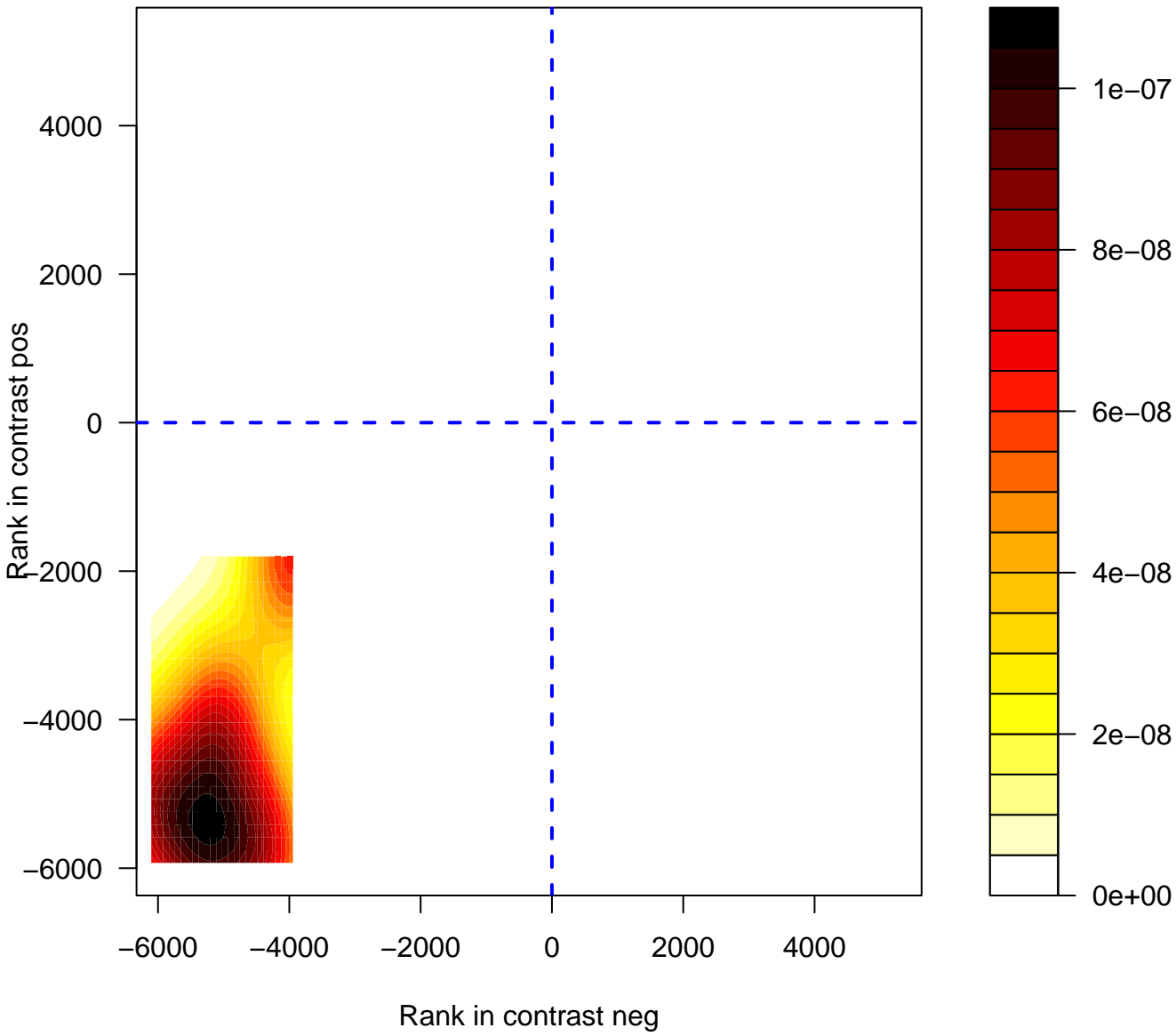
GOBP CYTOPLASMIC TRANSLATION



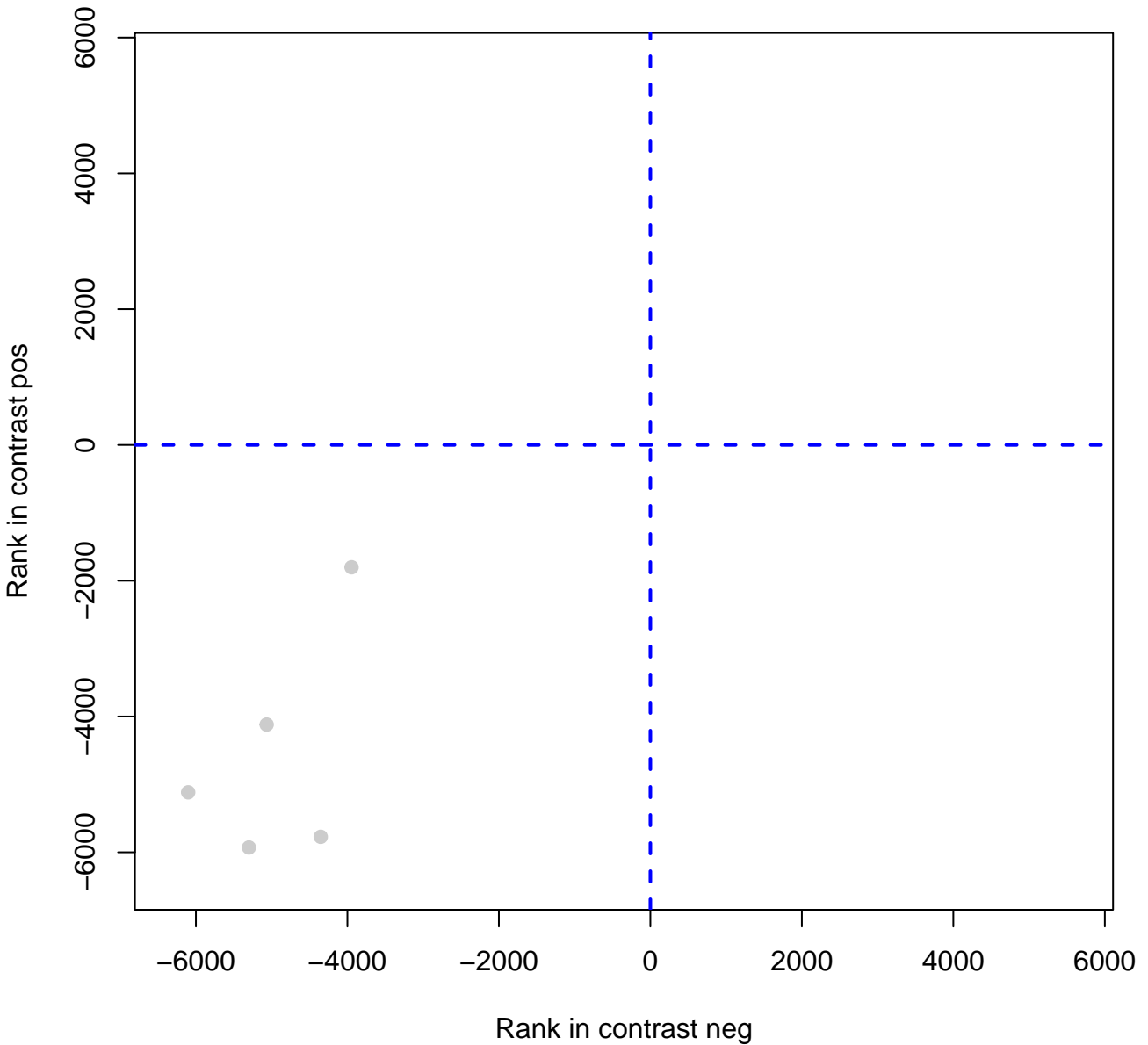
GOBP CYTOPLASMIC TRANSLATION



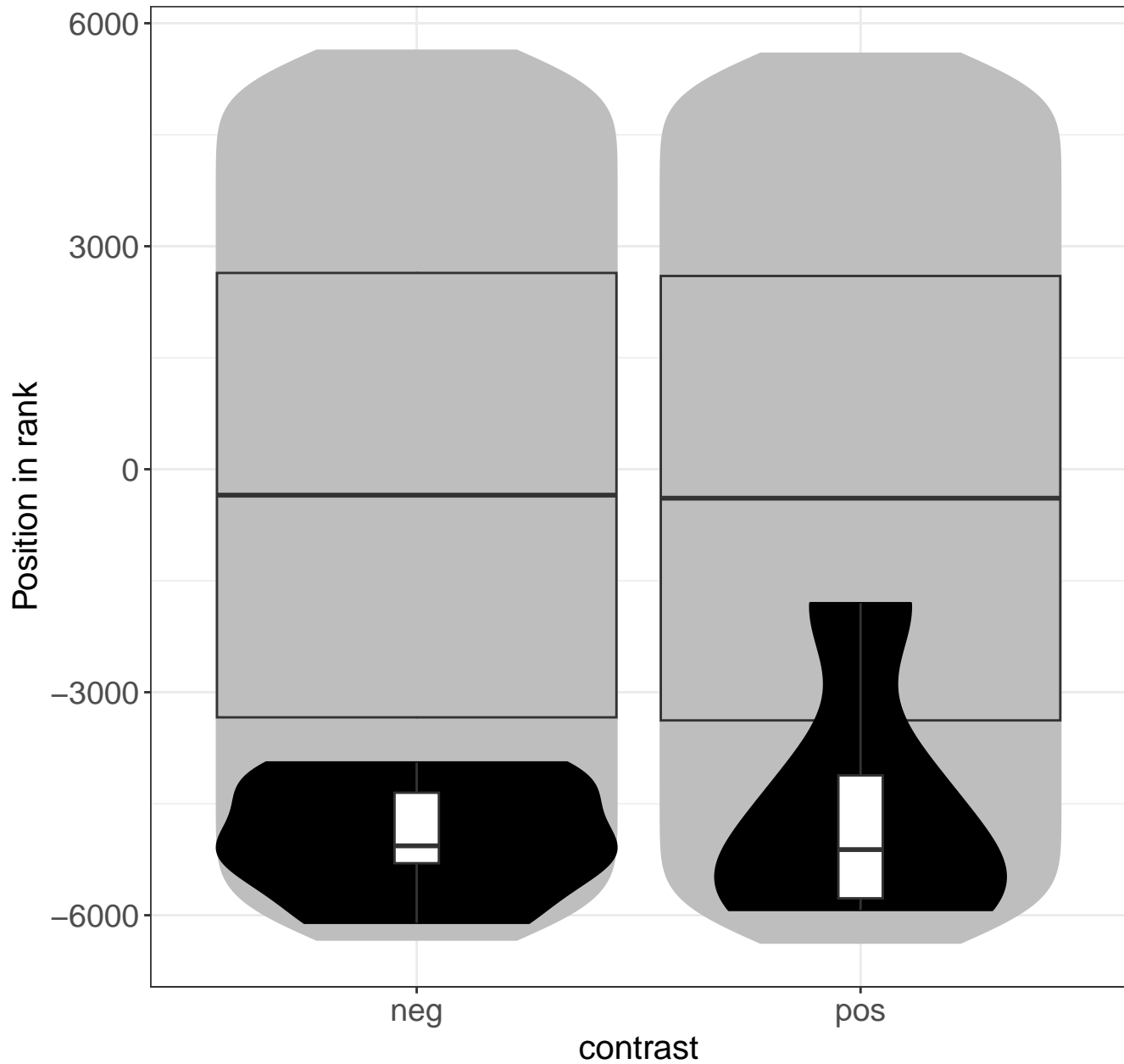
GOBP REGULATION OF METALLOENDOPEPTIDASE ACTI



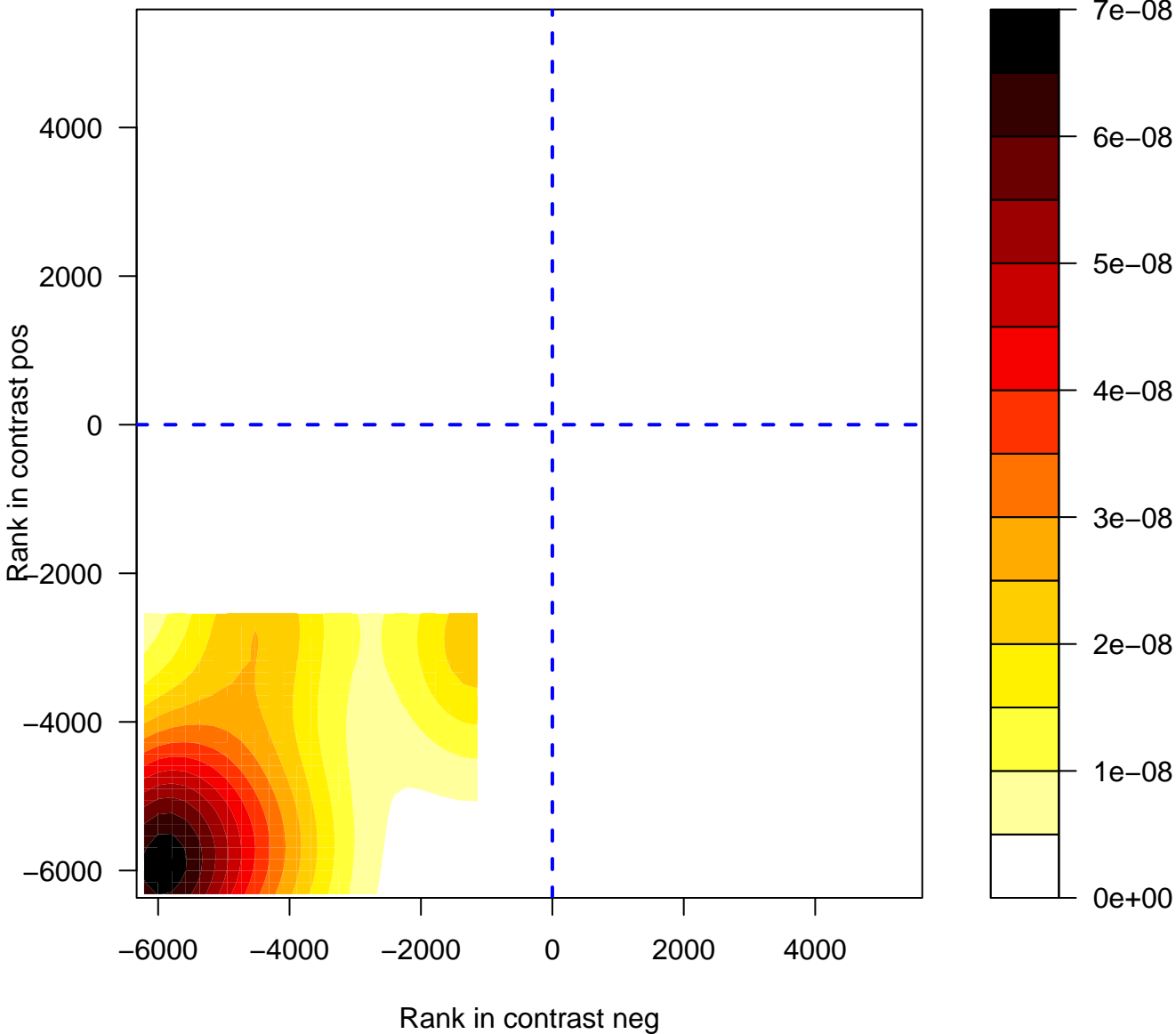
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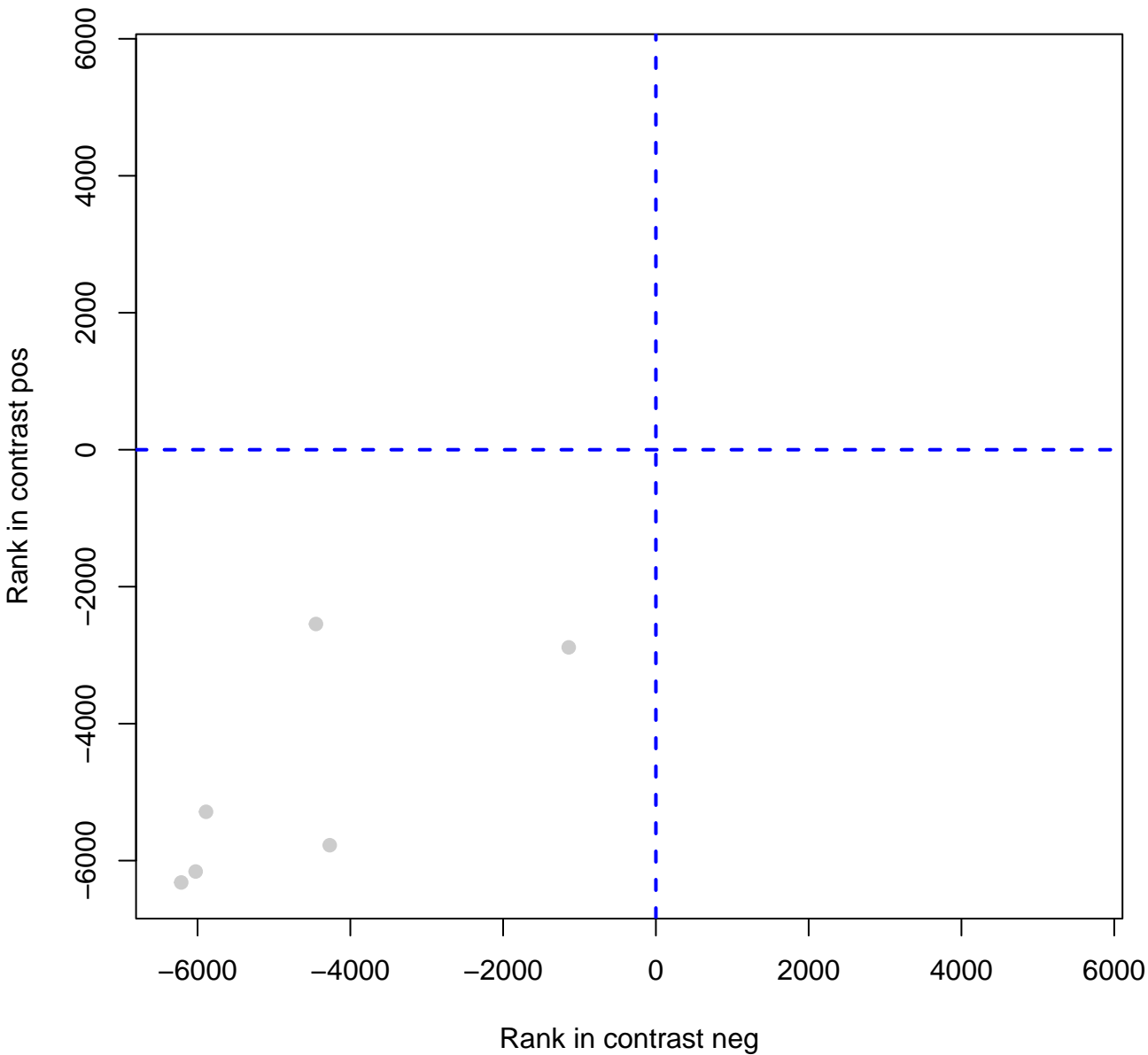
GOBP REGULATION OF METALLOENDOPEPTI



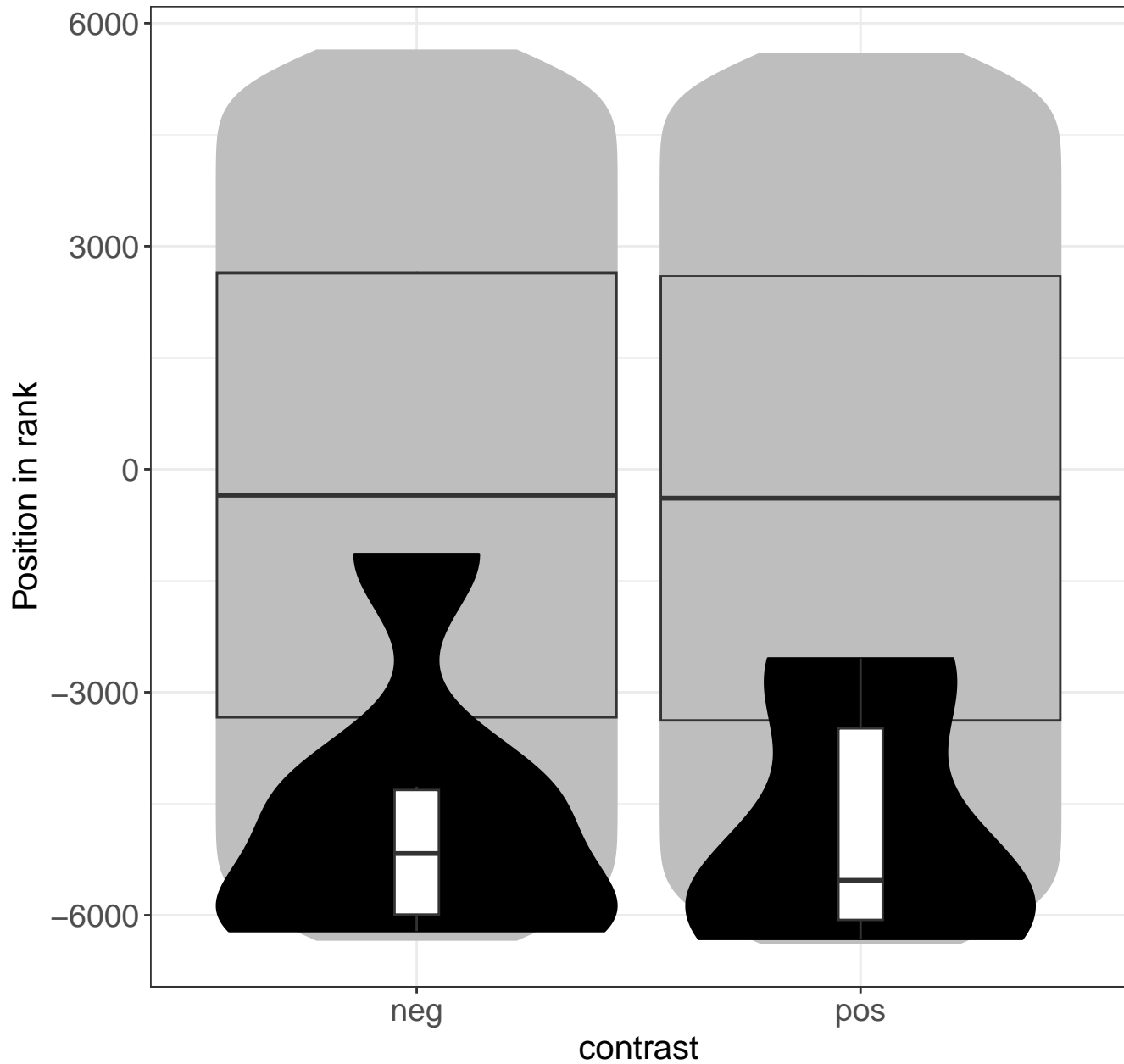
GOMF SUPERCOILED DNA BINDING



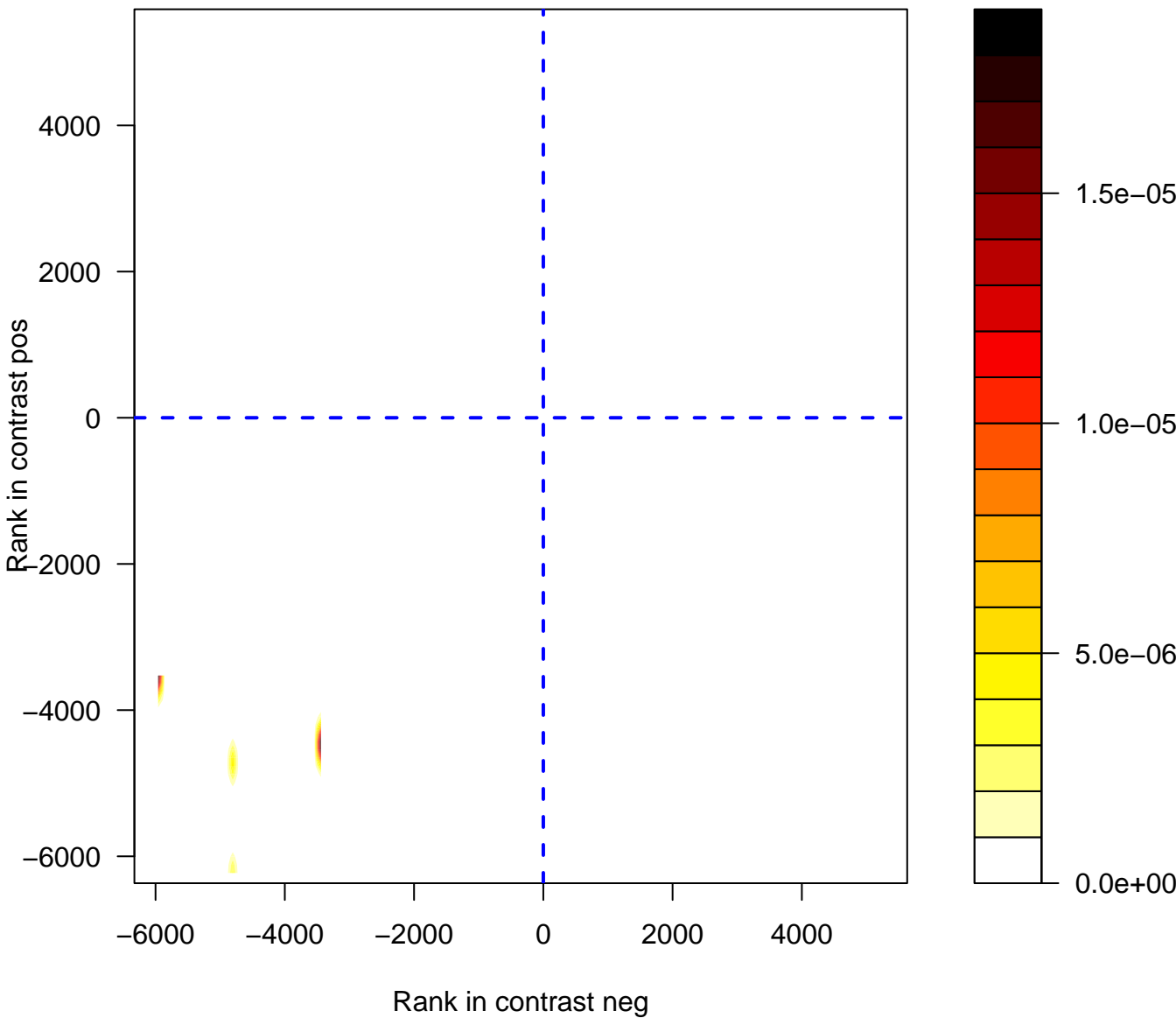
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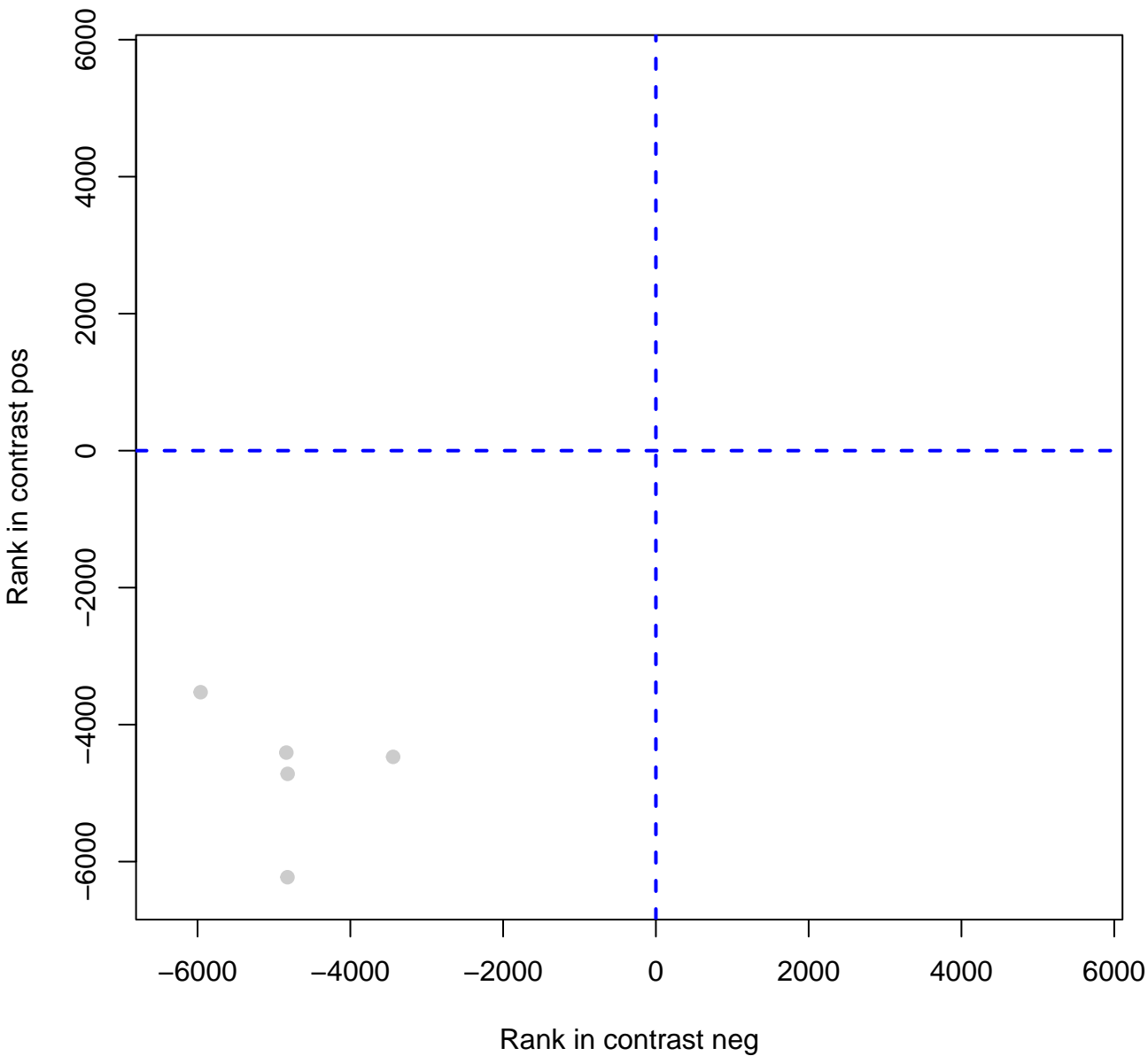
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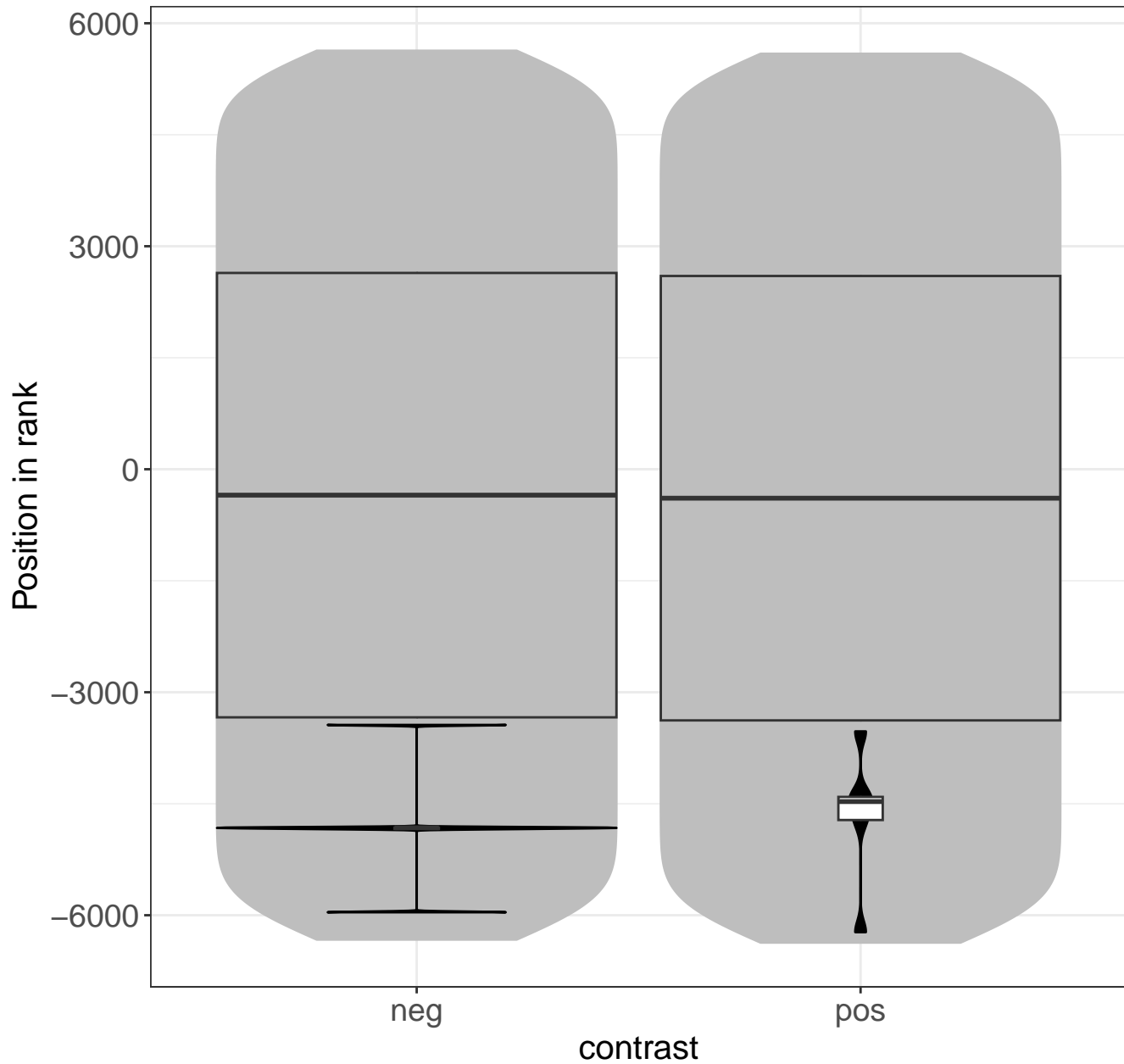
GOCC F ACTIN CAPPING PROTEIN COMPLEX



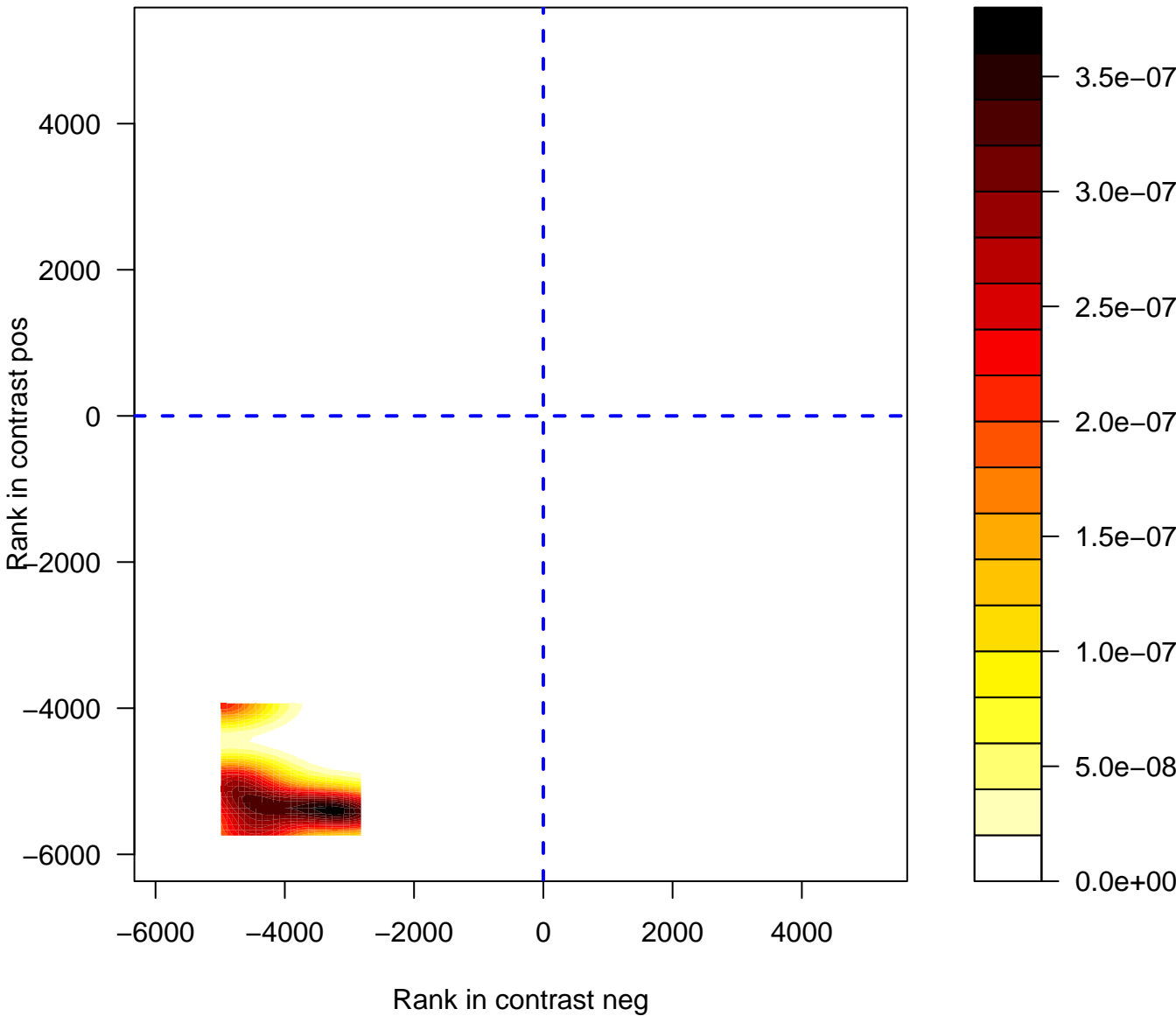
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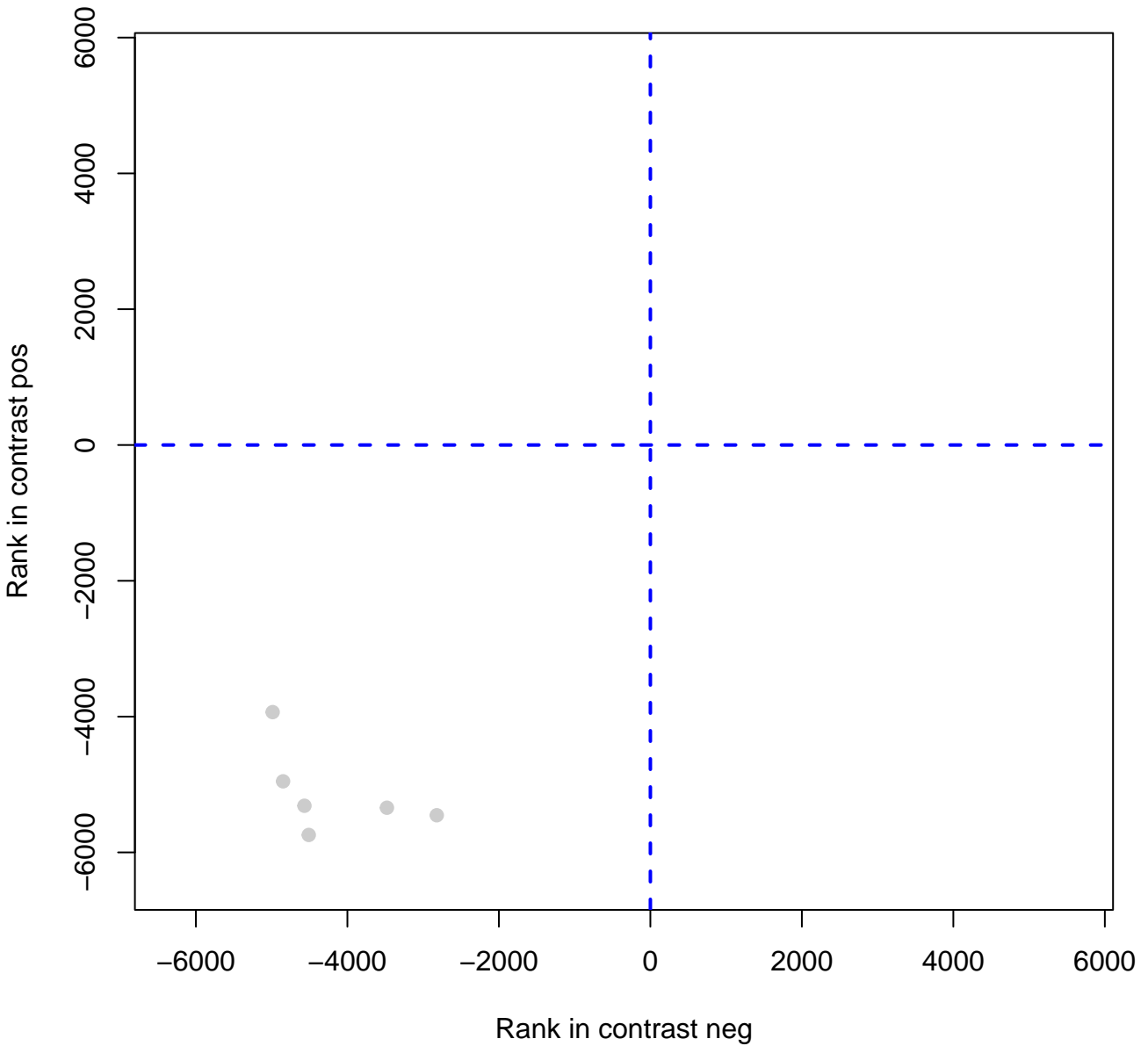
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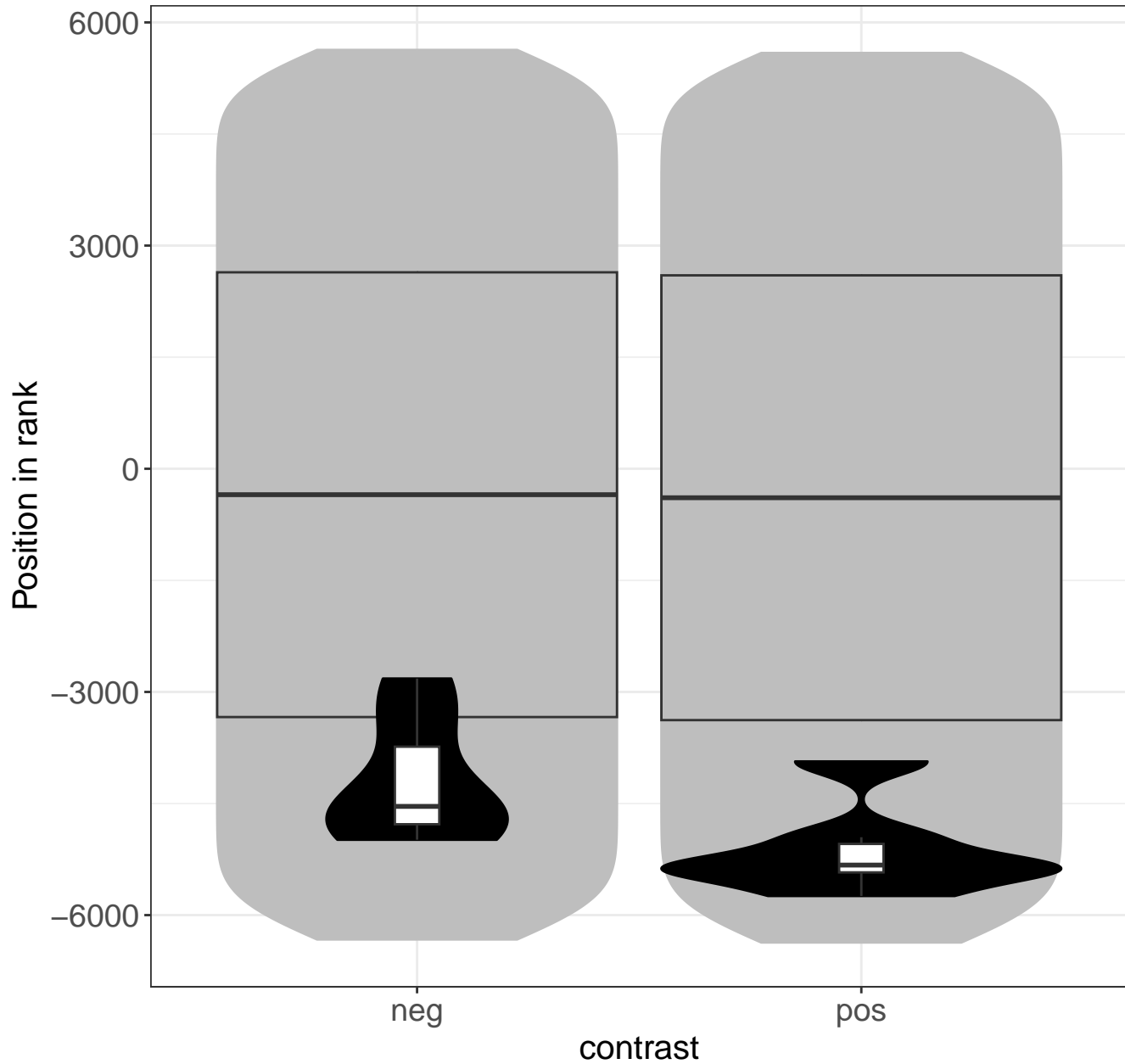
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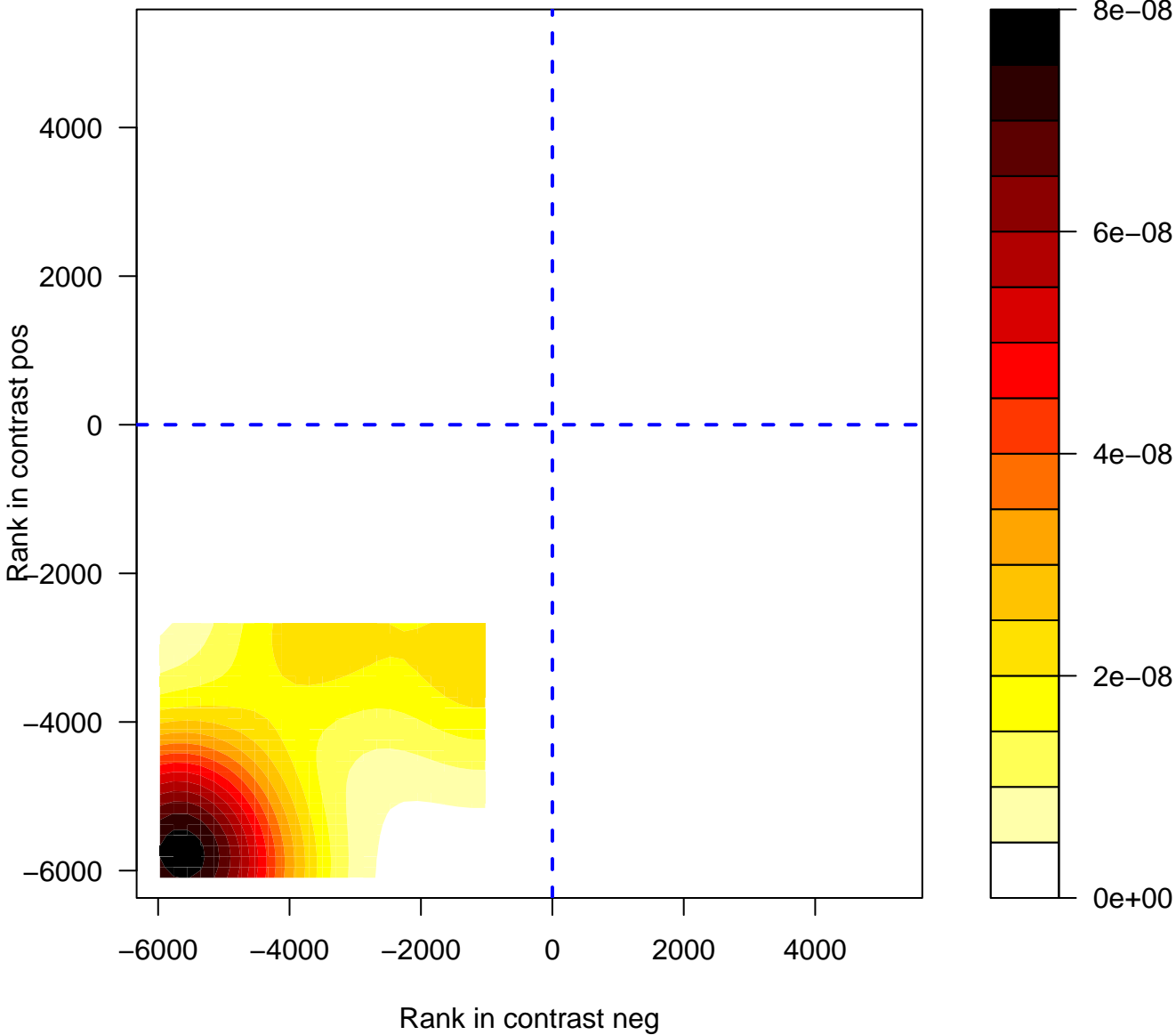
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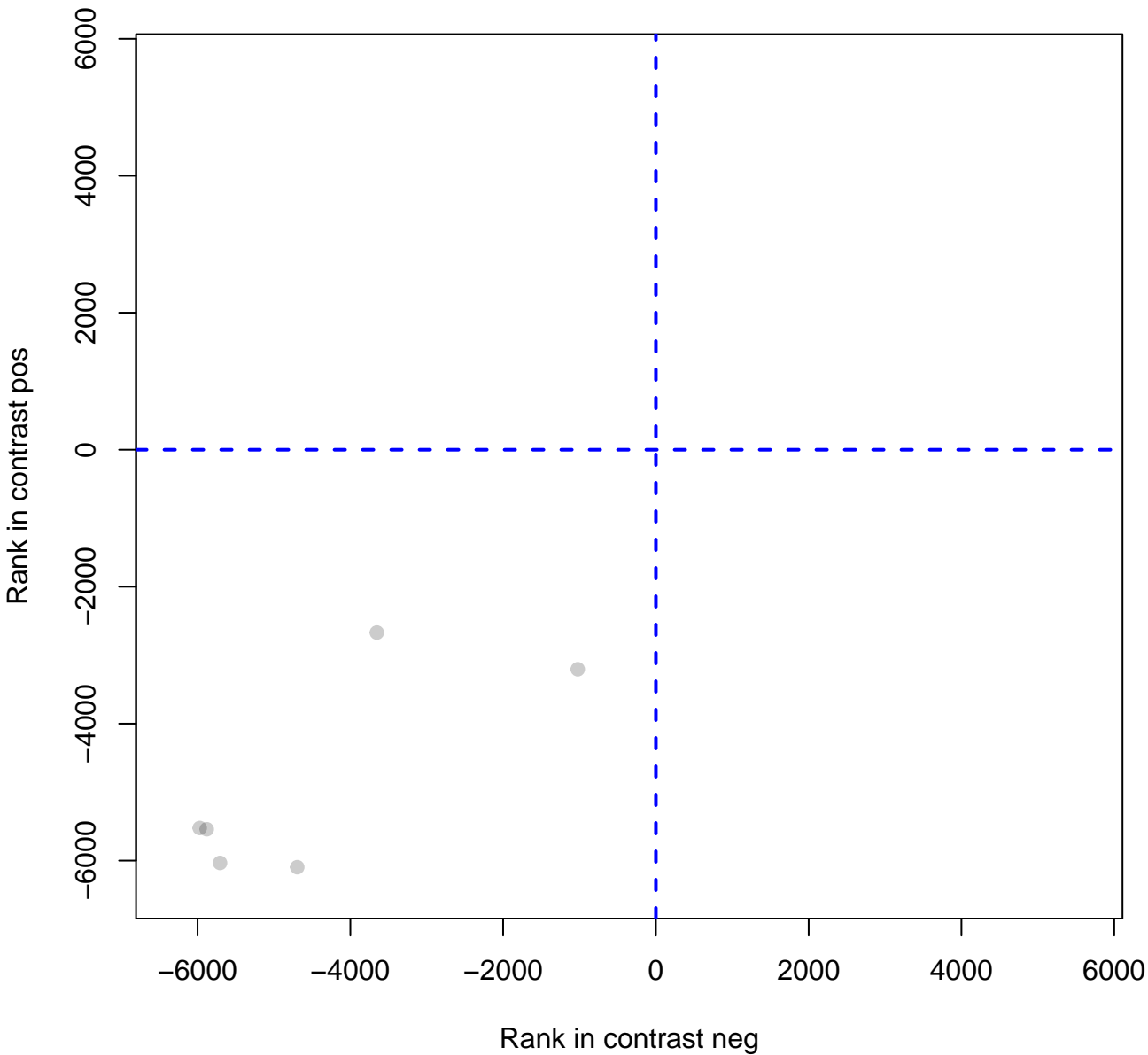
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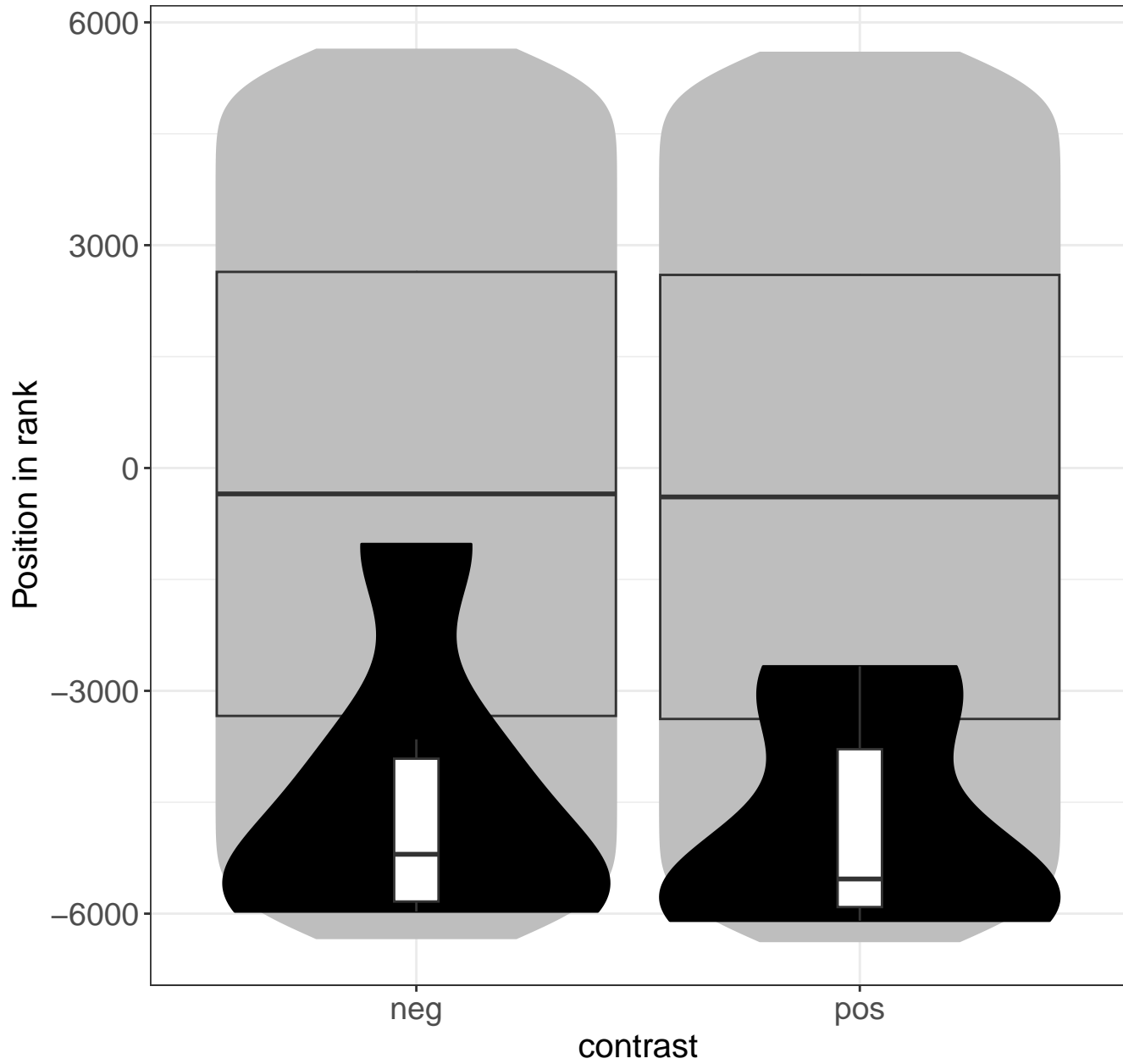
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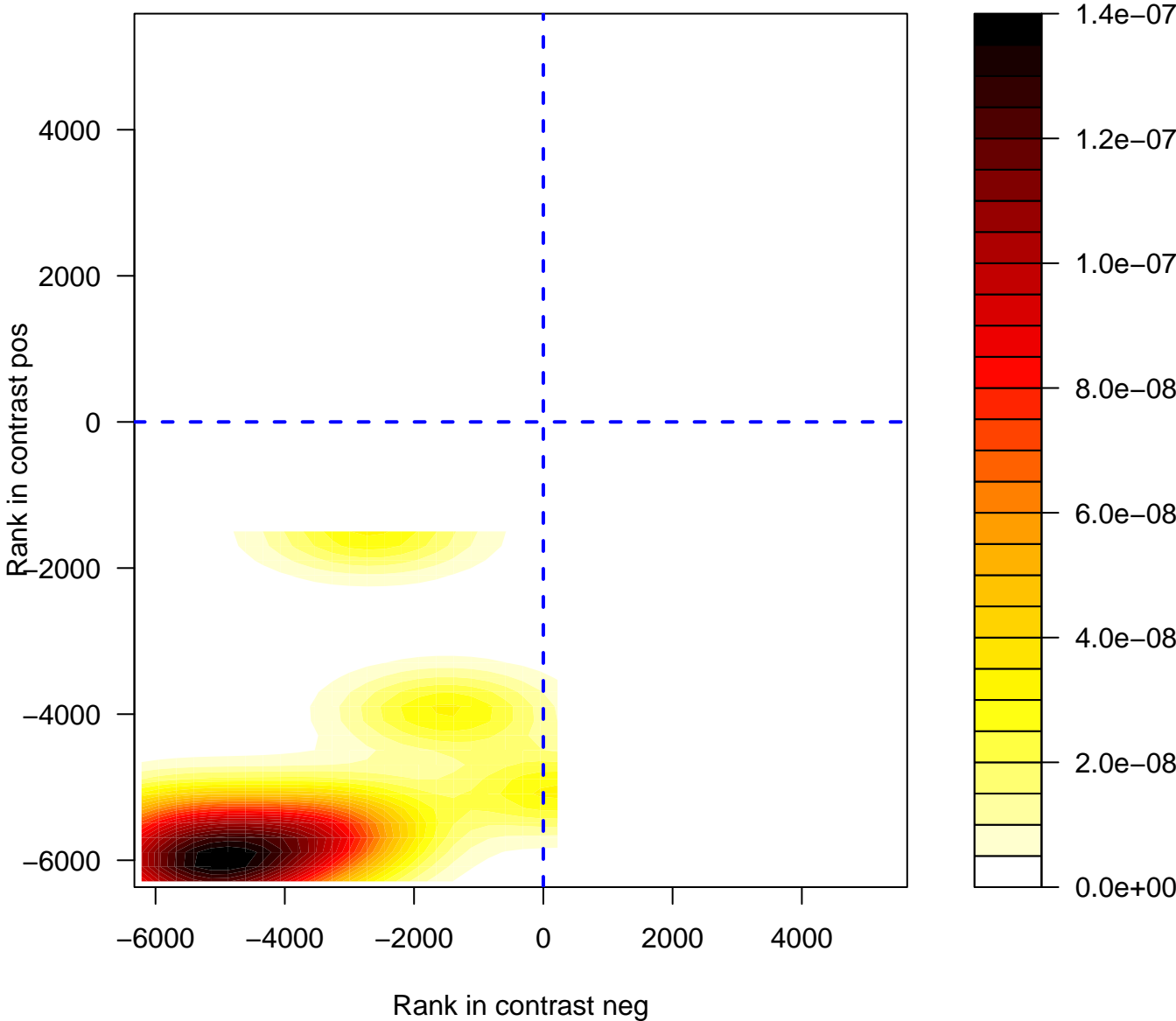
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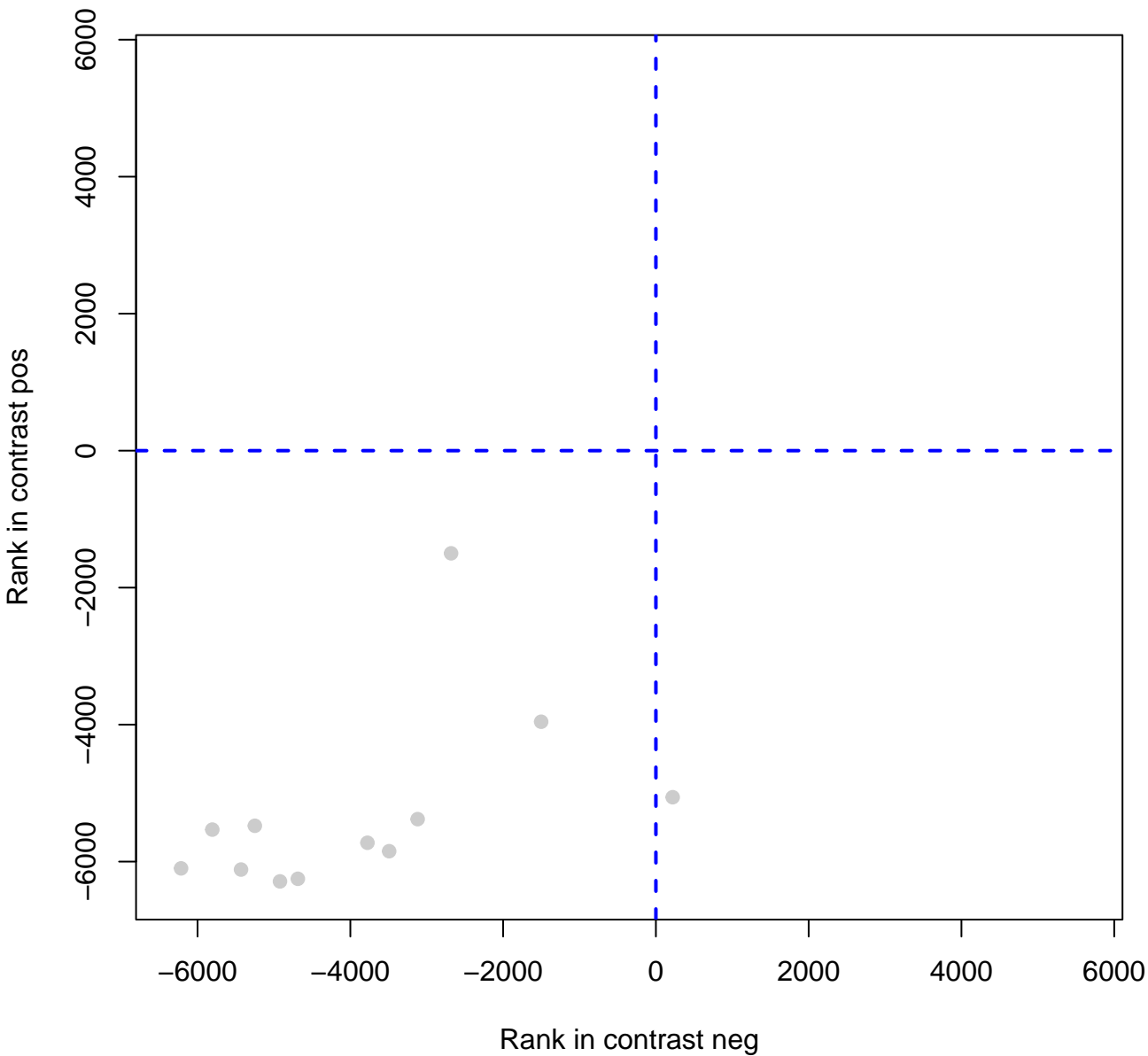
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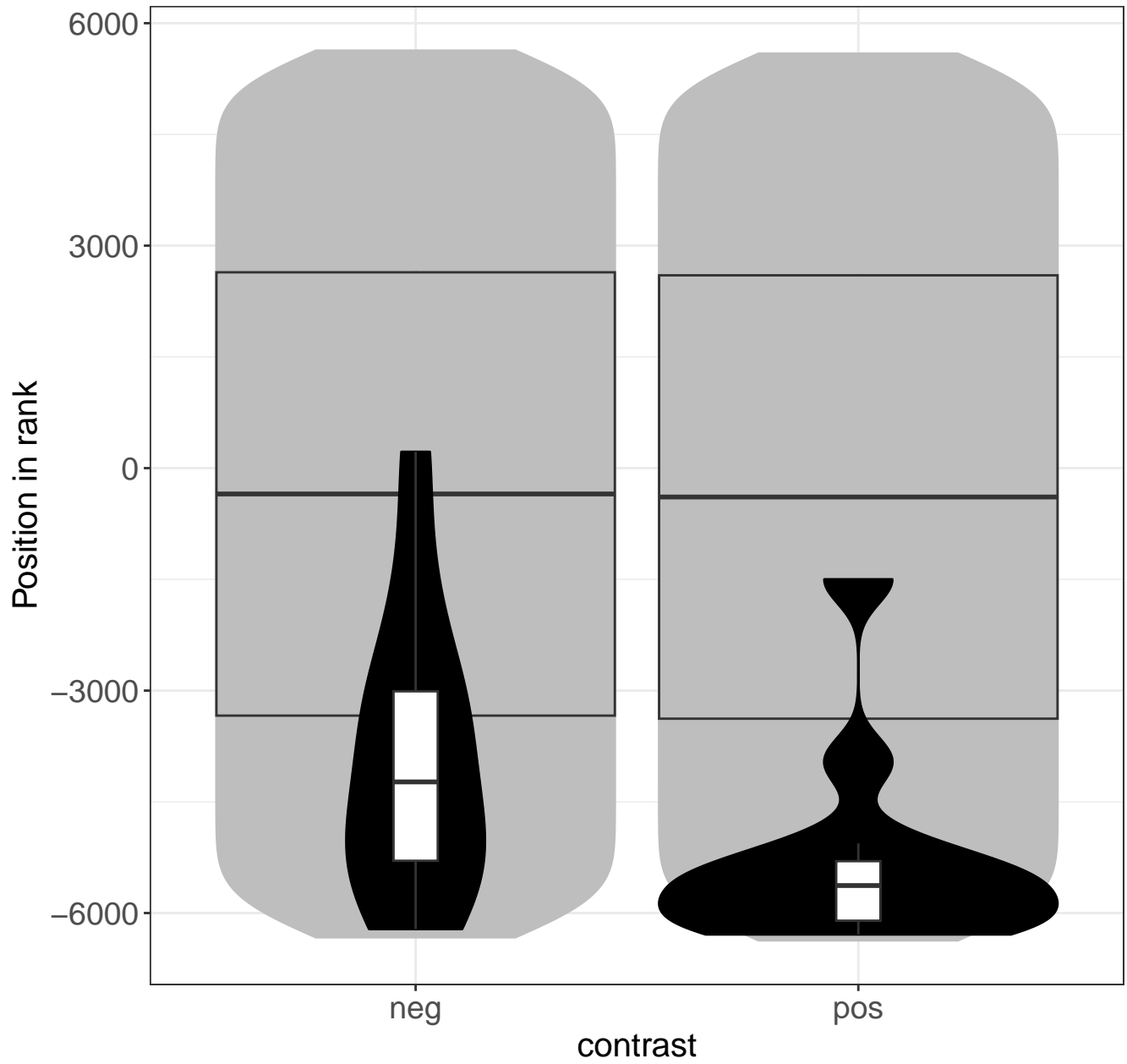
MITOCHONDRIAL ELECTRON TRANSPORT UBIQUINOL TO CY



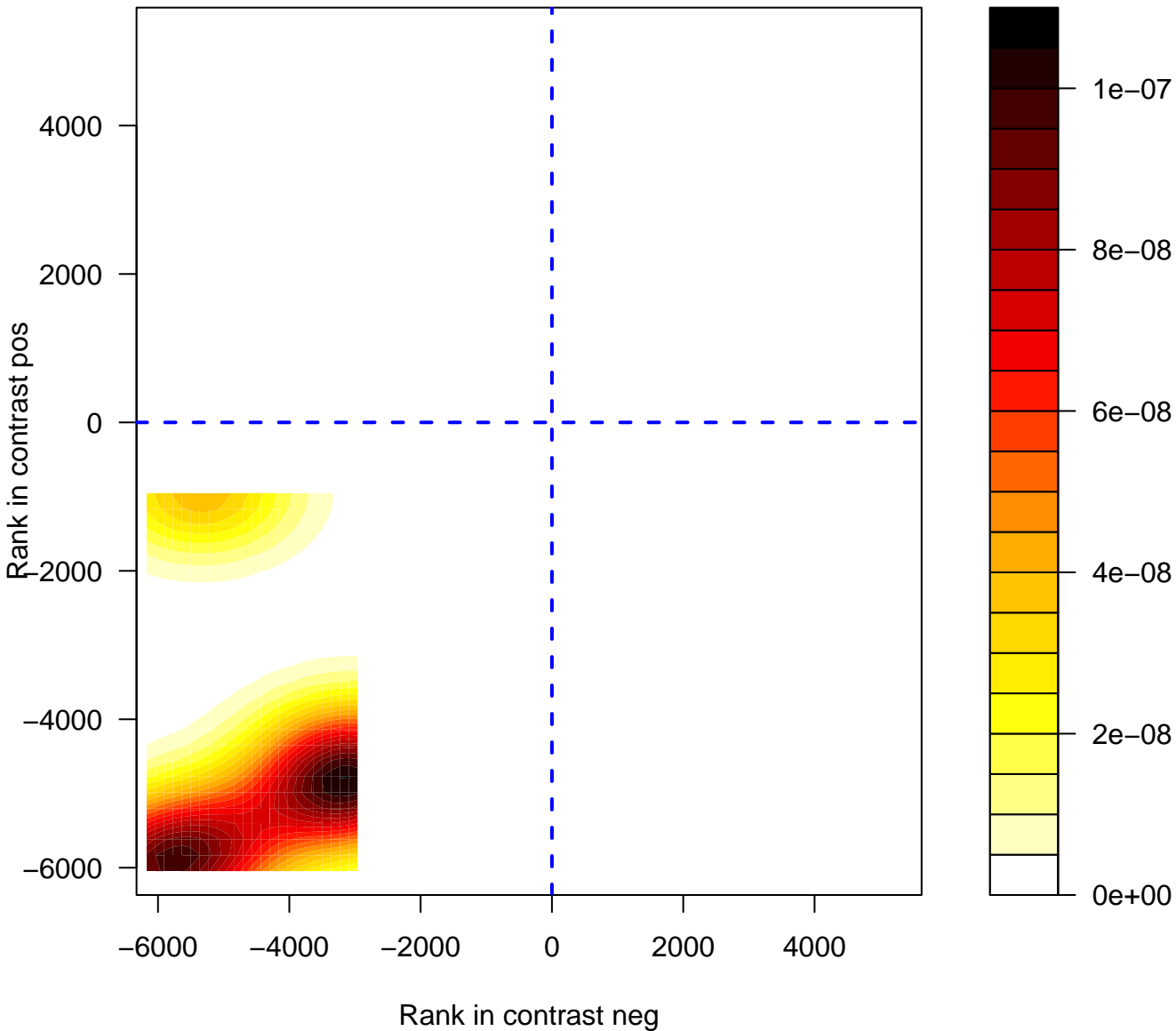
OBP MITOCHONDRIAL ELECTRON TRANSPORT UBIQUINOL TO CYTOCHROME



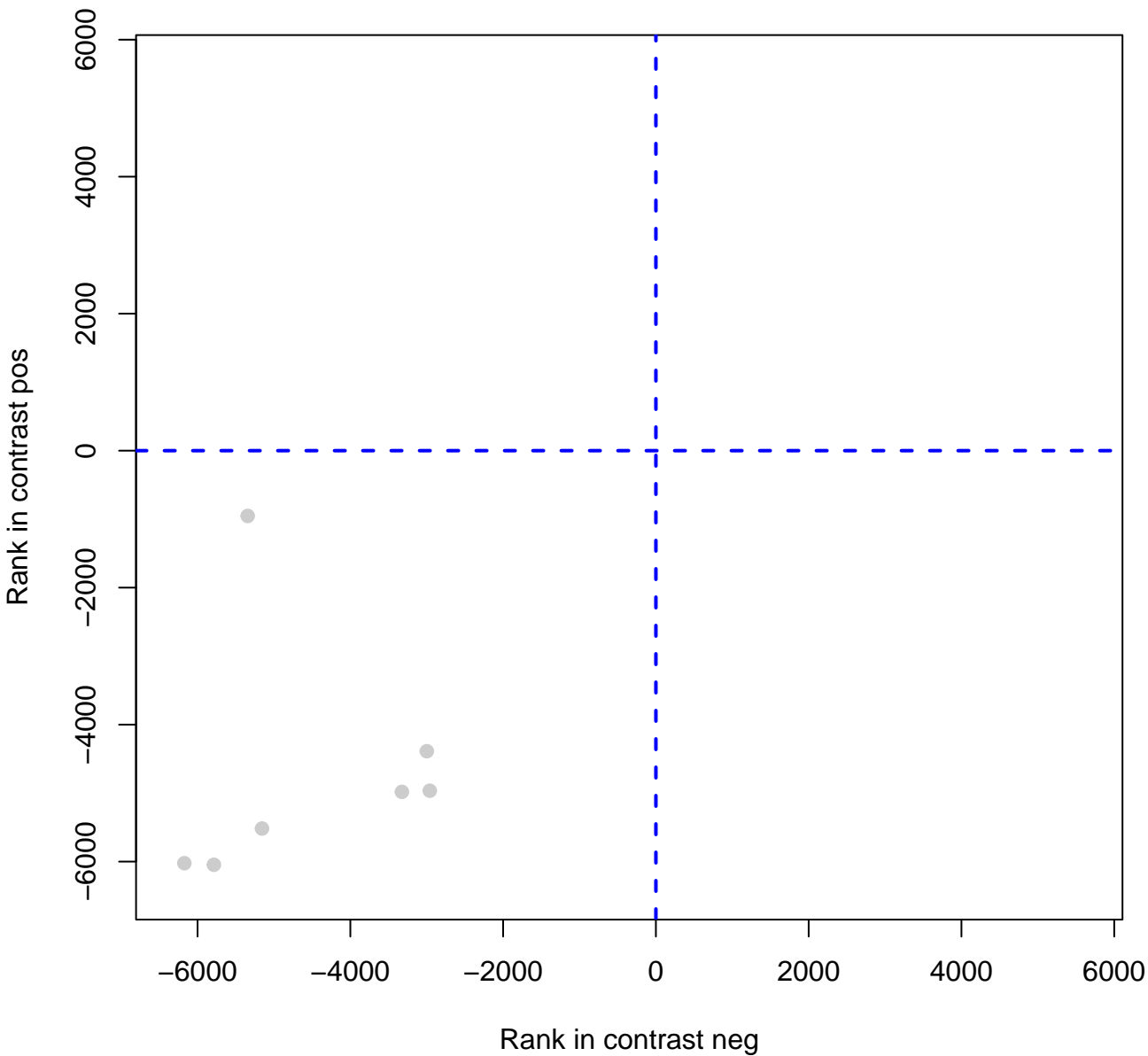
GOBP MITOCHONDRIAL ELECTRON TRANSPOR



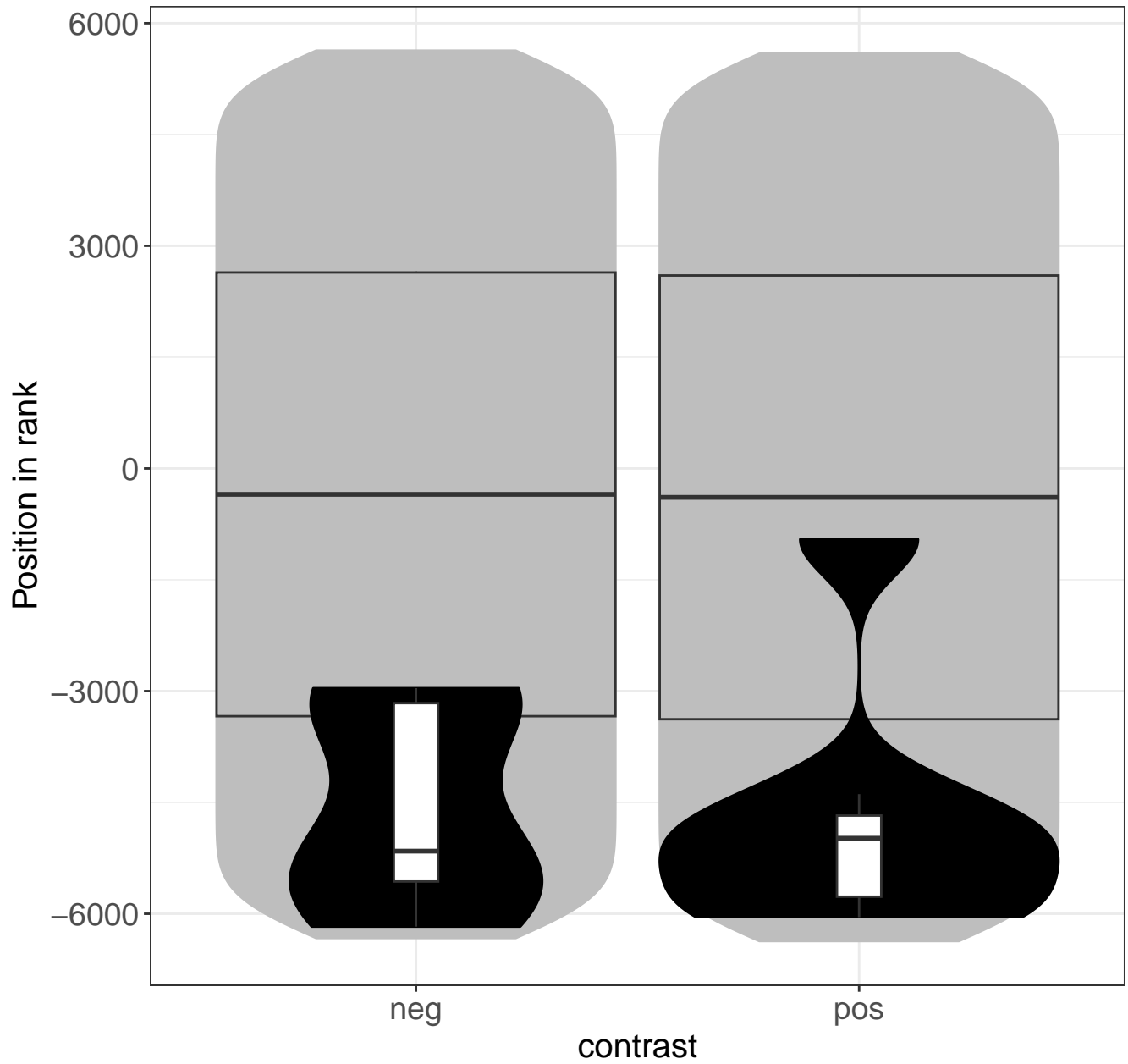
GOCC PROTEASOME CORE COMPLEX ALPHA SUBUNIT COI



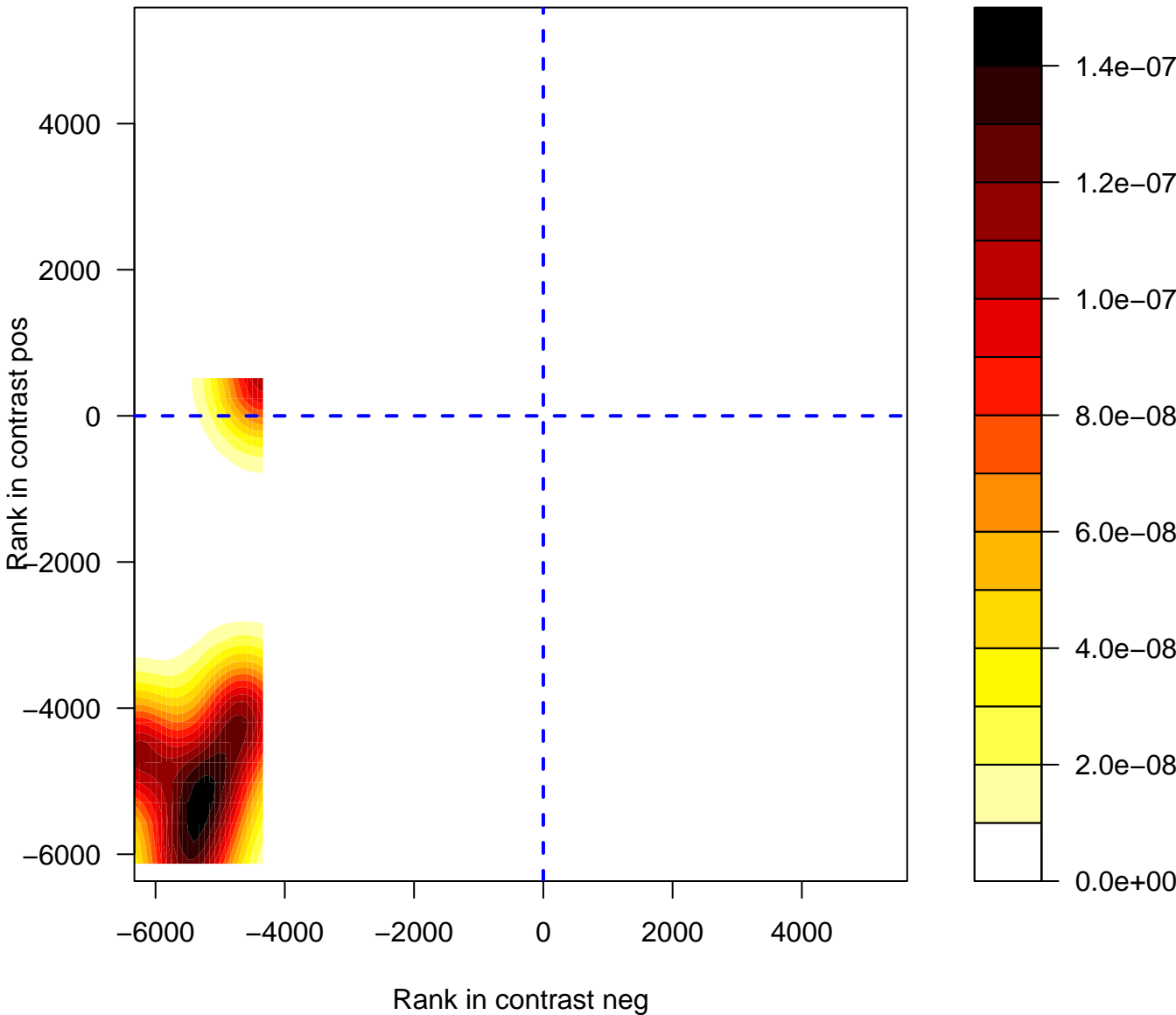
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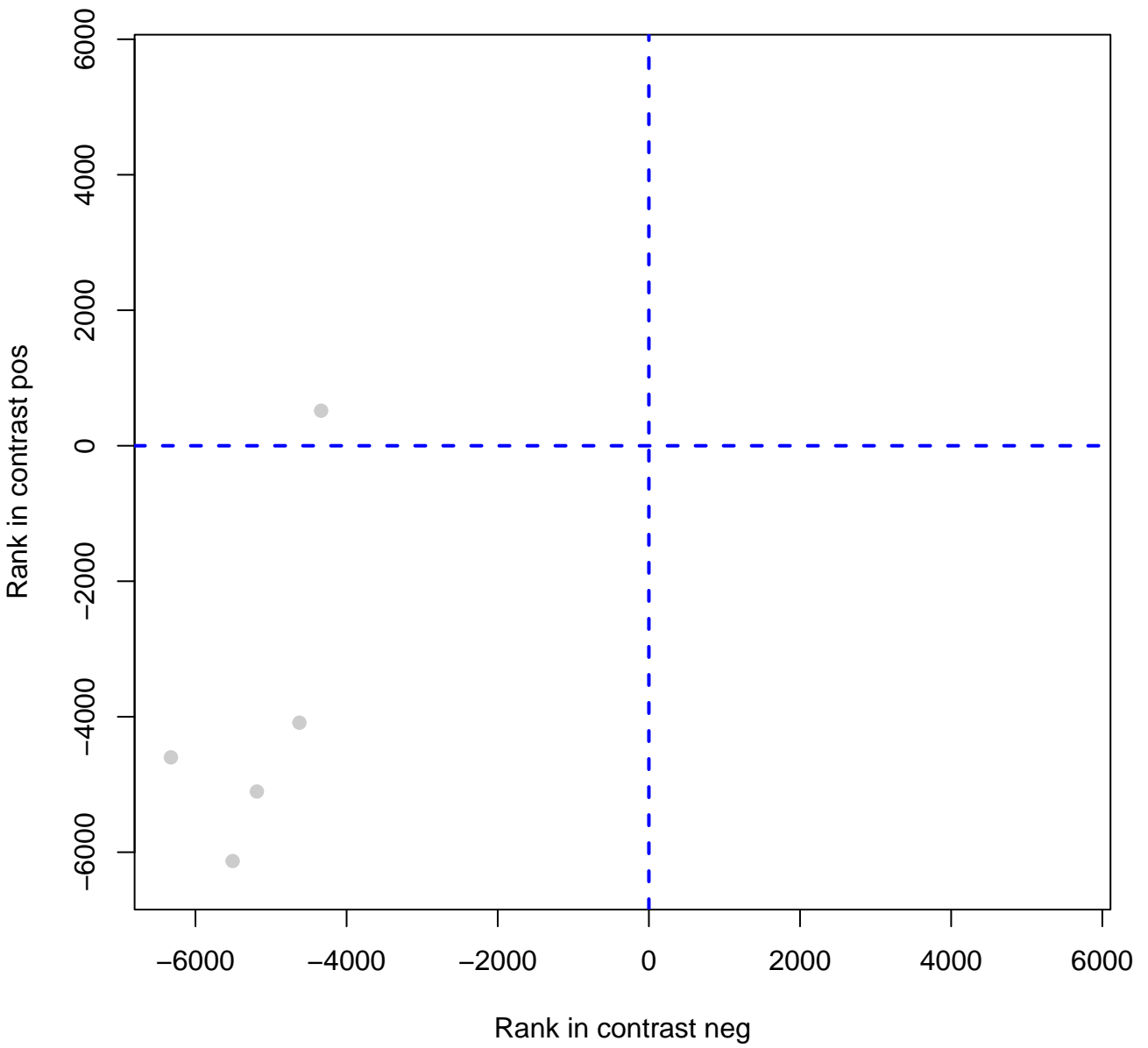
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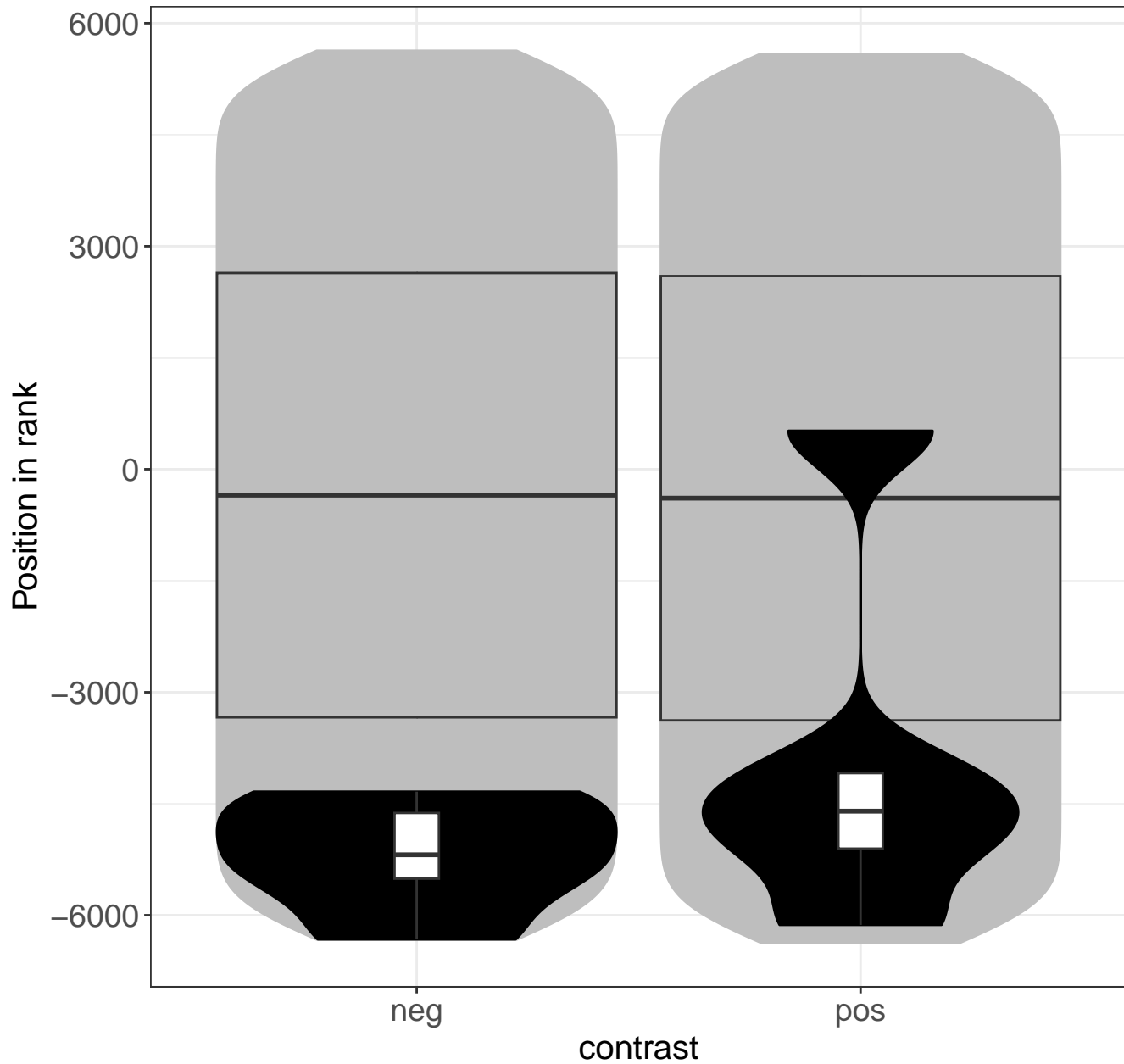
GOBP LYMPHOCYTE ANERGY



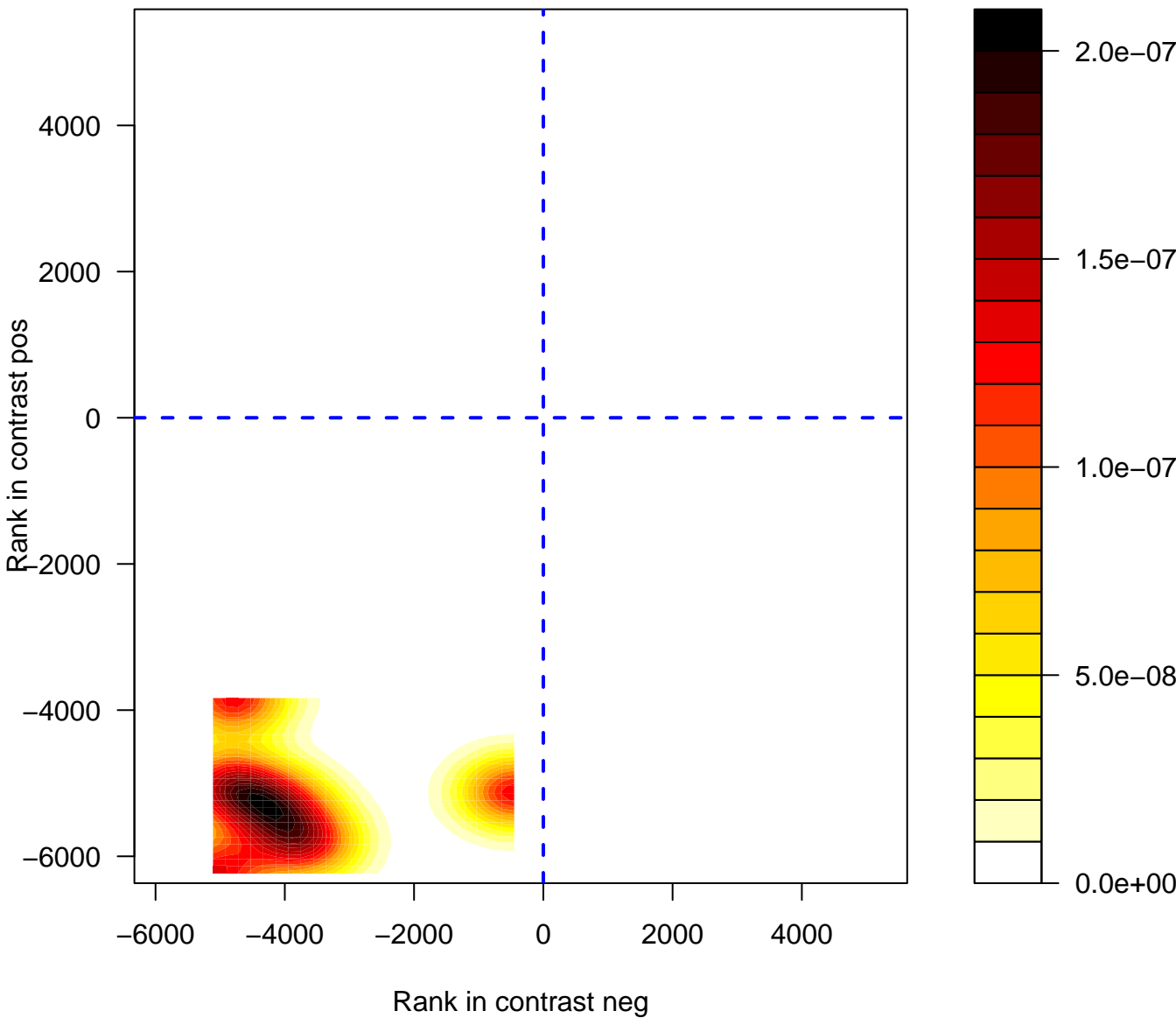
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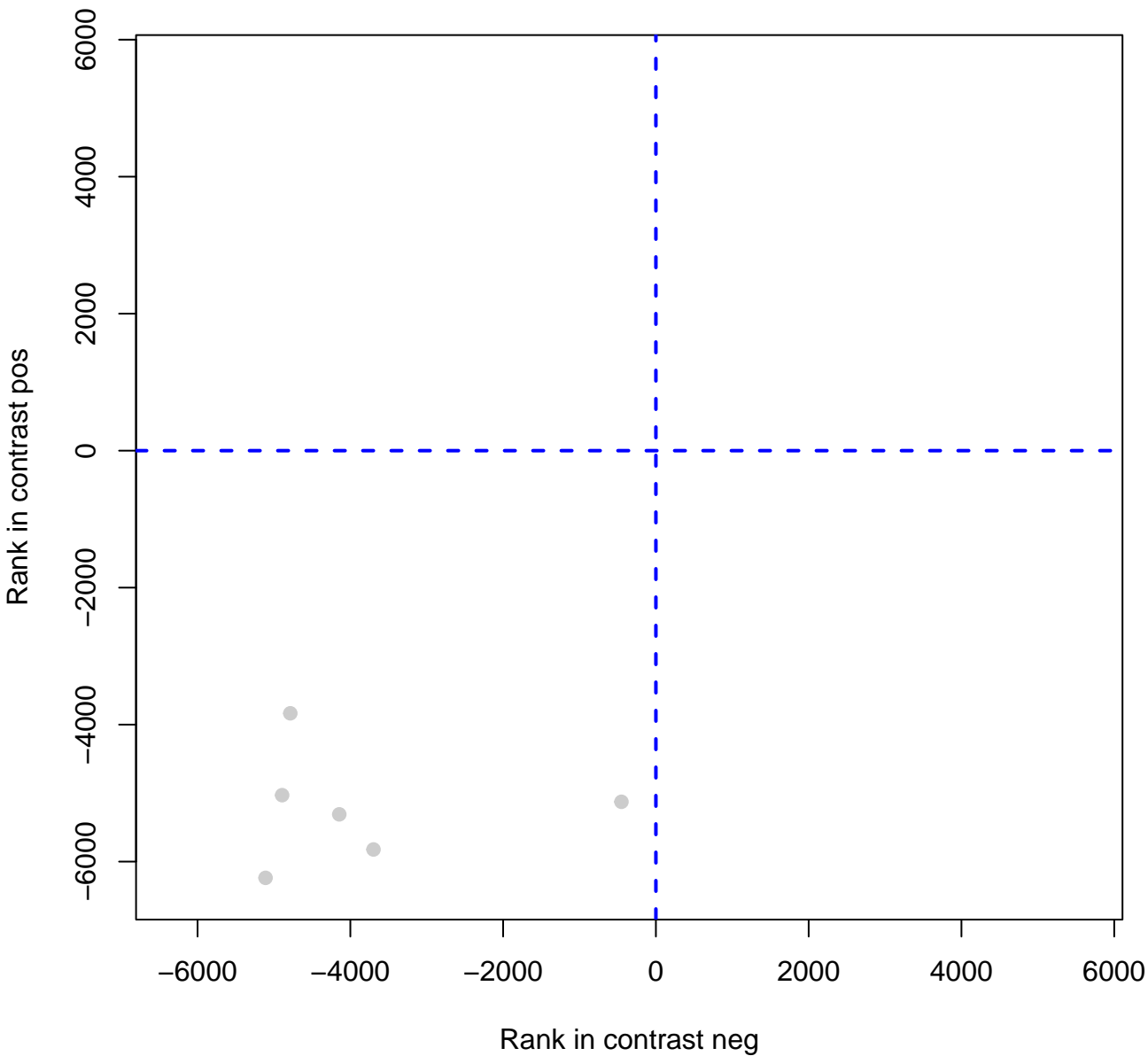
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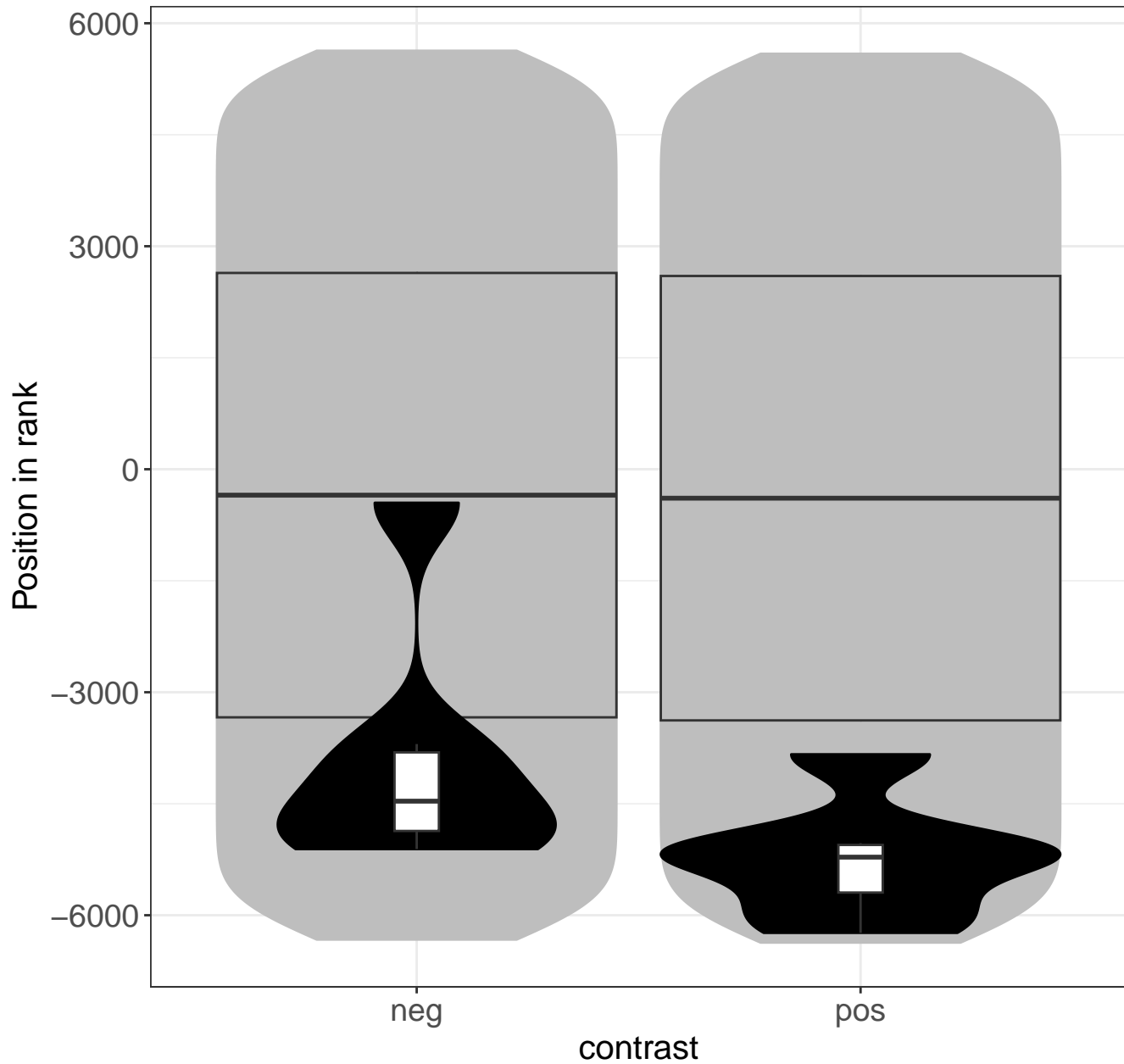
GOCC PICLN SM PROTEIN COMPLEX



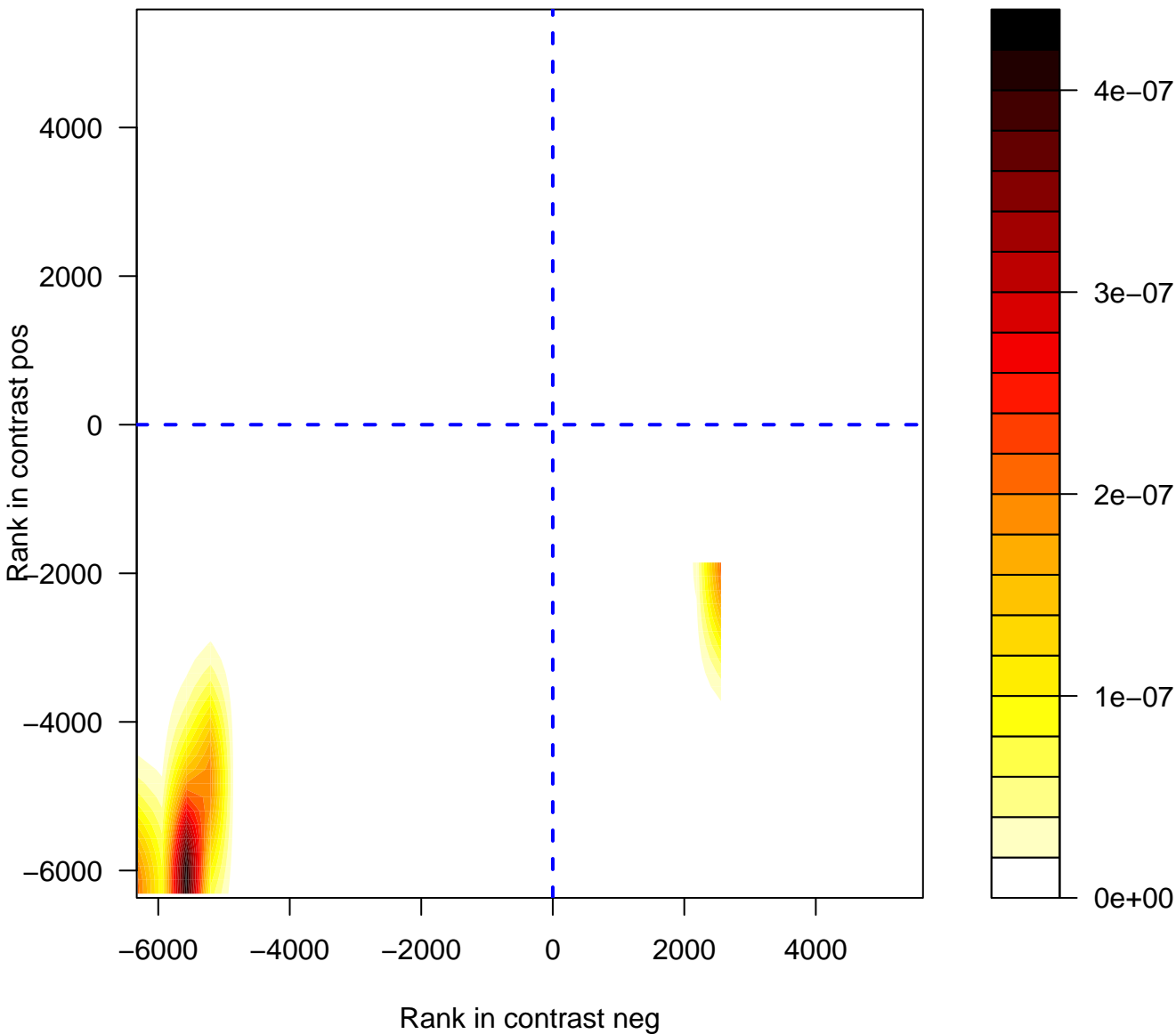
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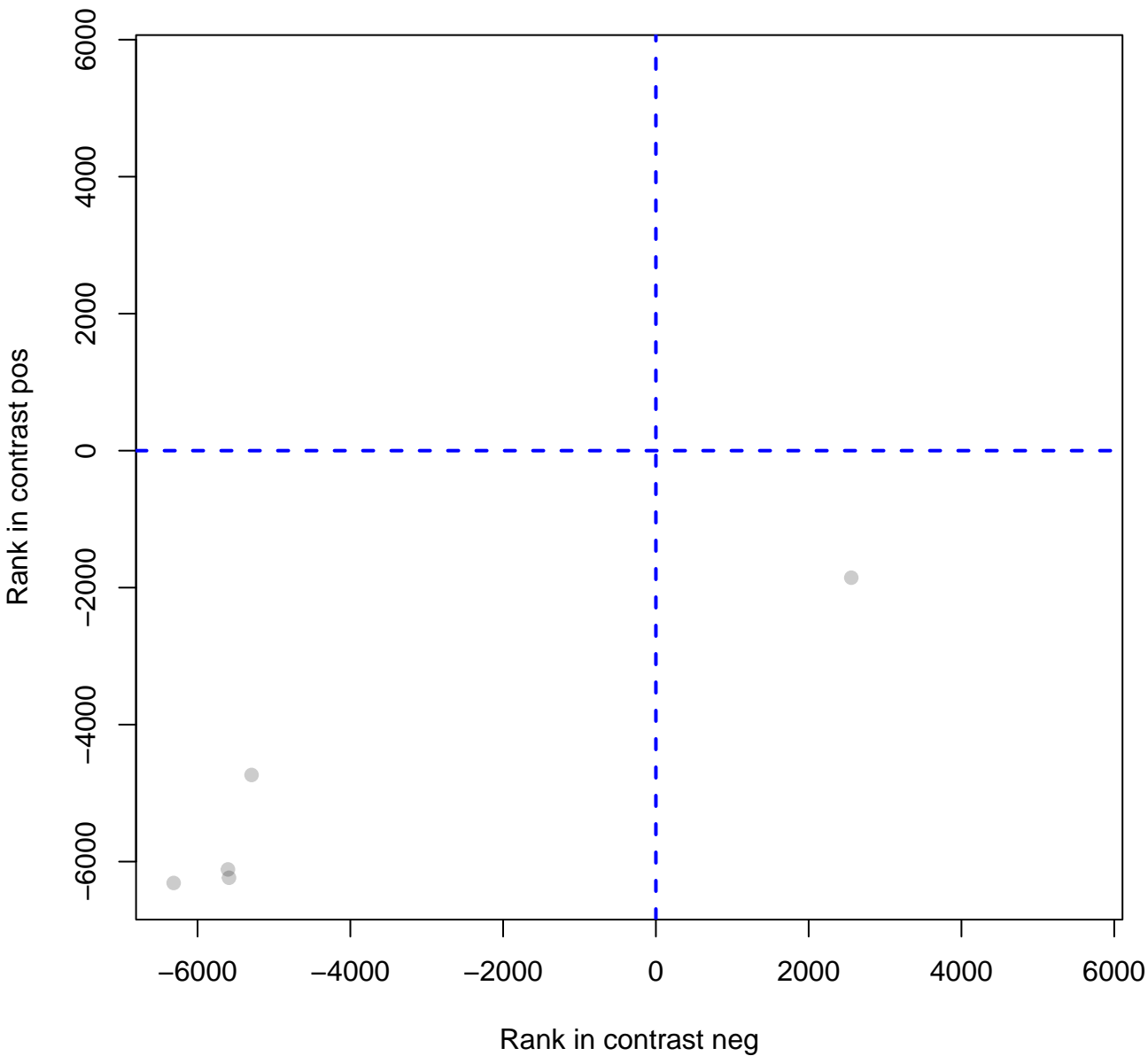
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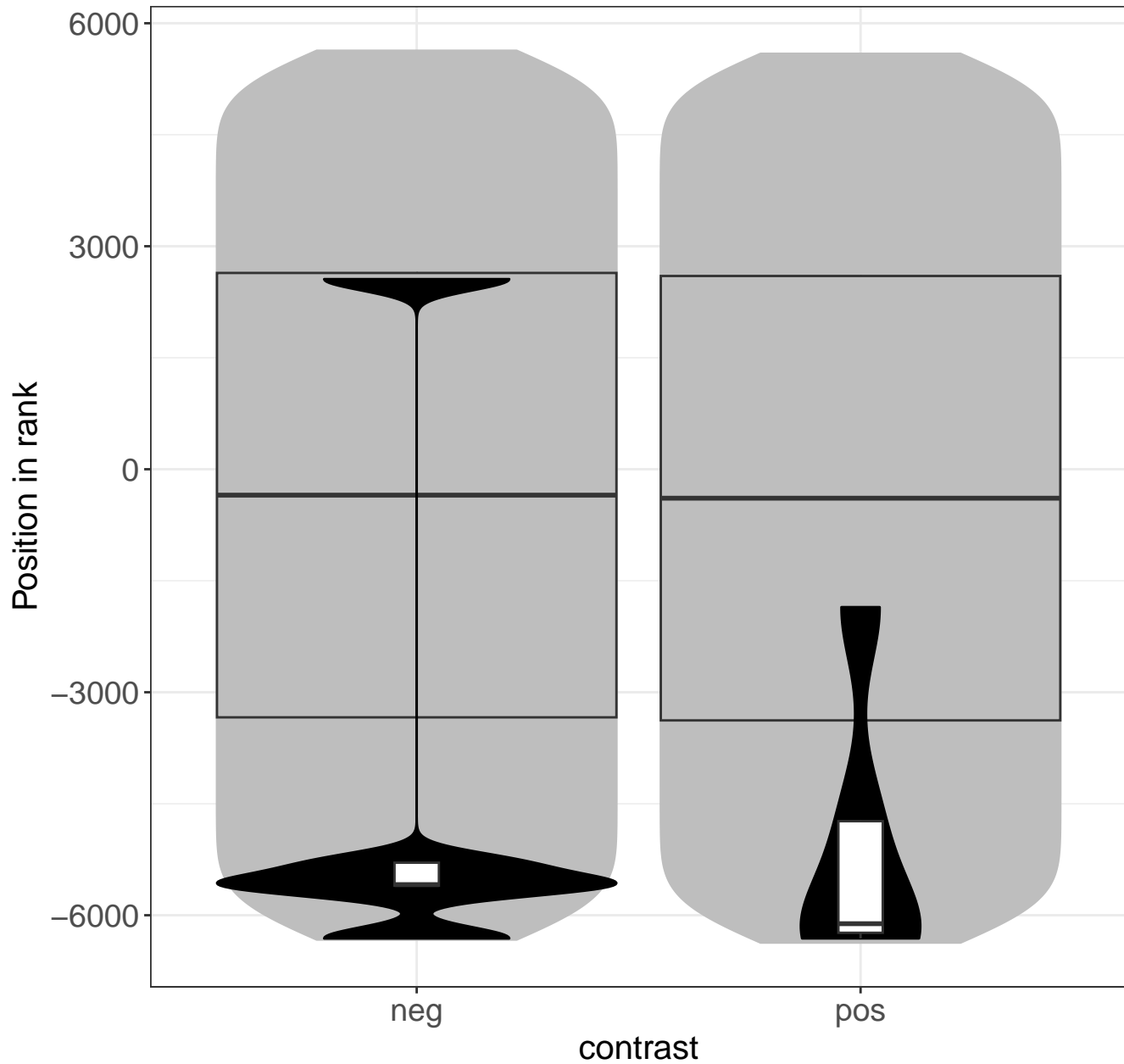
GOBP REGULATION OF PLASMA MEMBRANE REPAIR



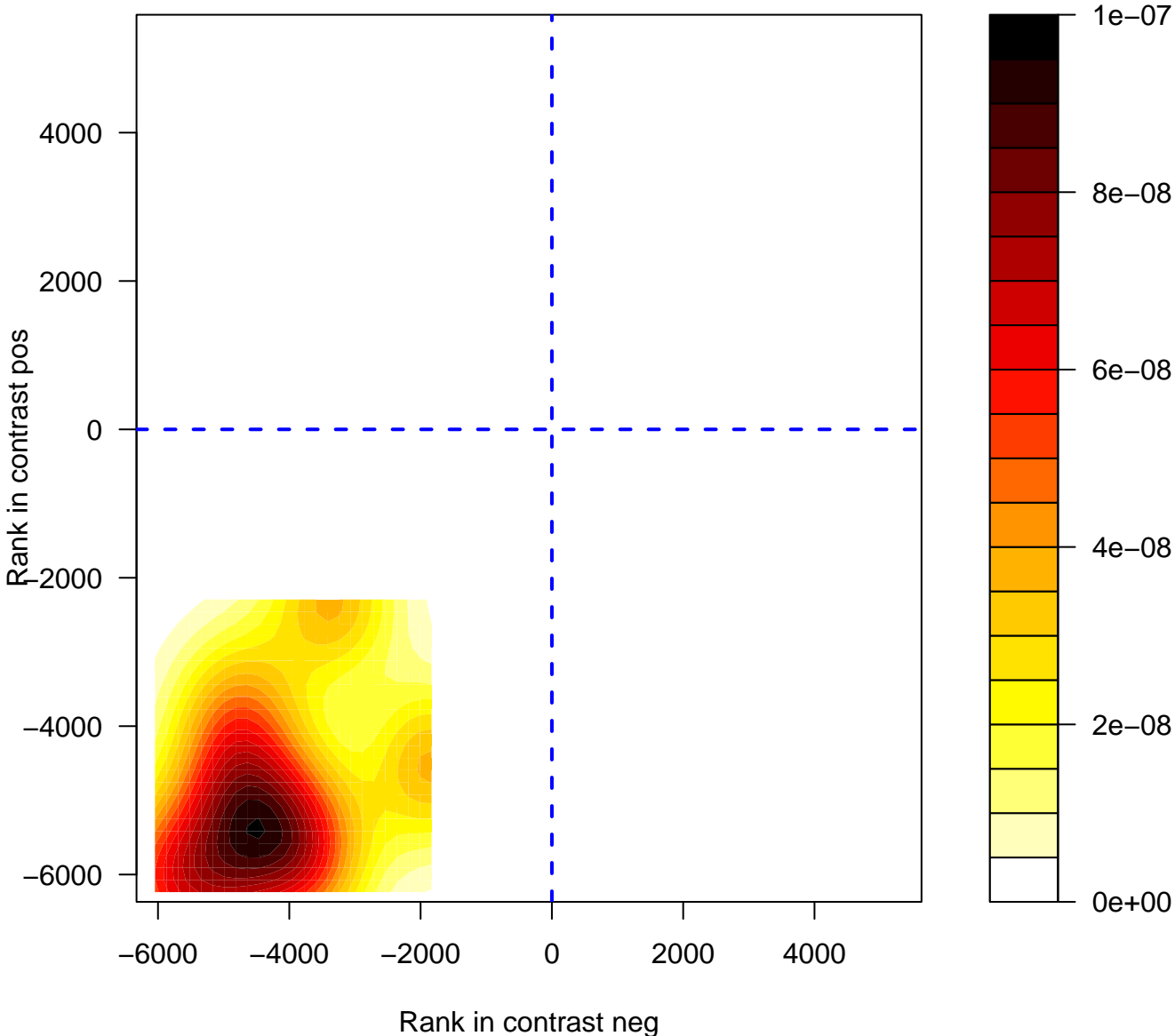
GOBP REGULATION OF PLASMA MEMBRANE REPAIR



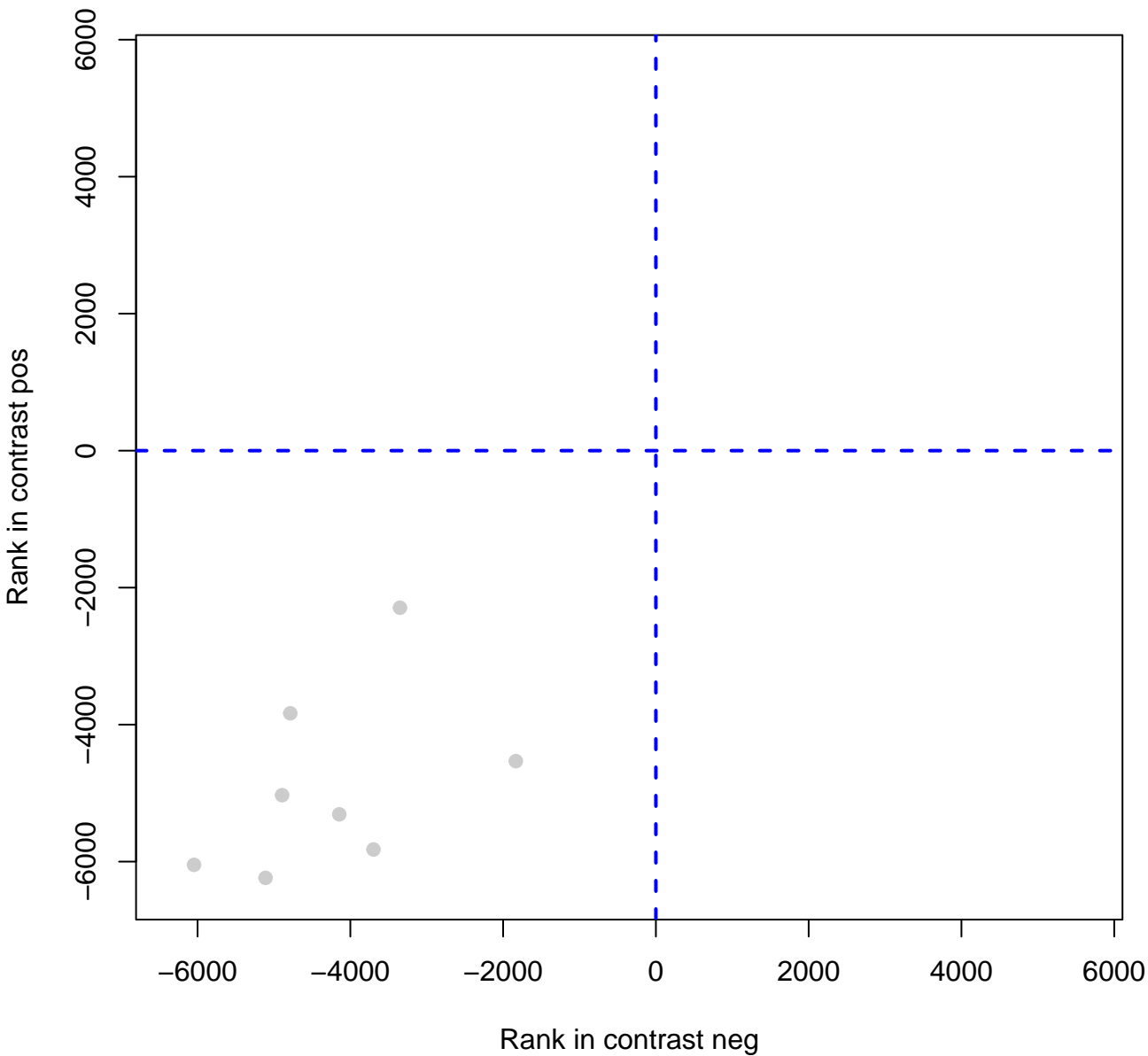
GOBP REGULATION OF PLASMA MEMBRANE



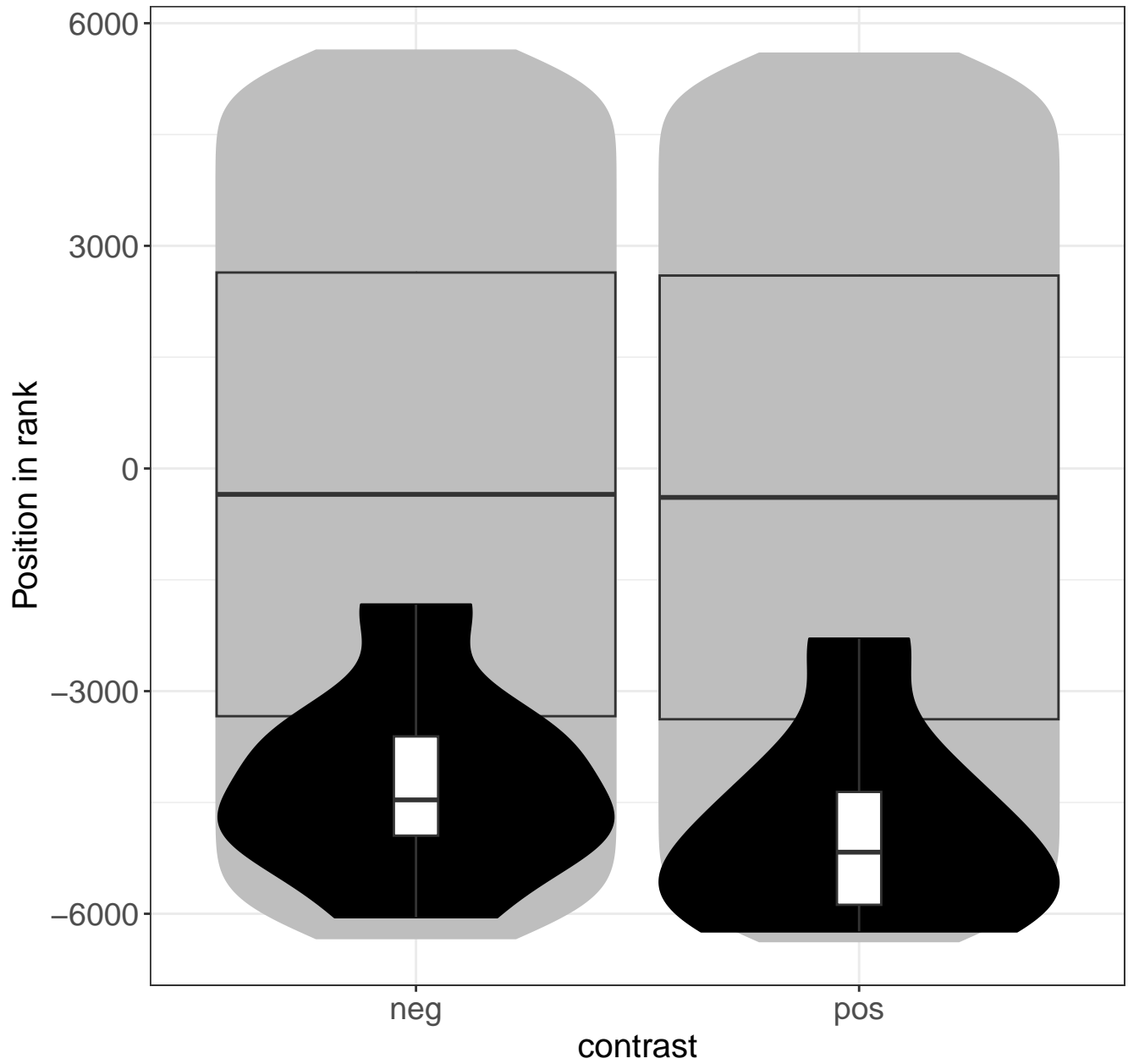
GOBP 7 METHYLGUANOSINE CAP HYPERMETHYLATIO



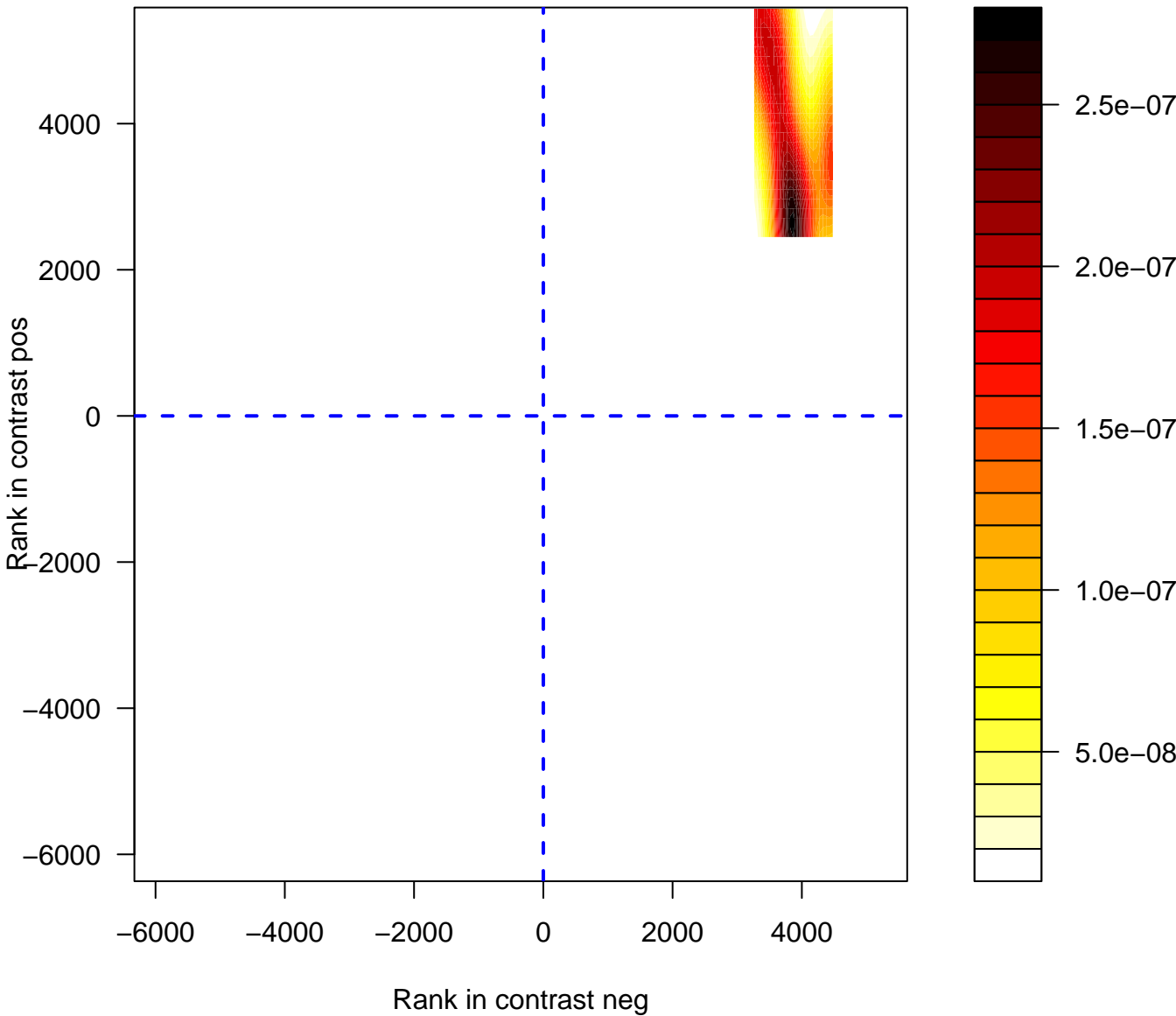
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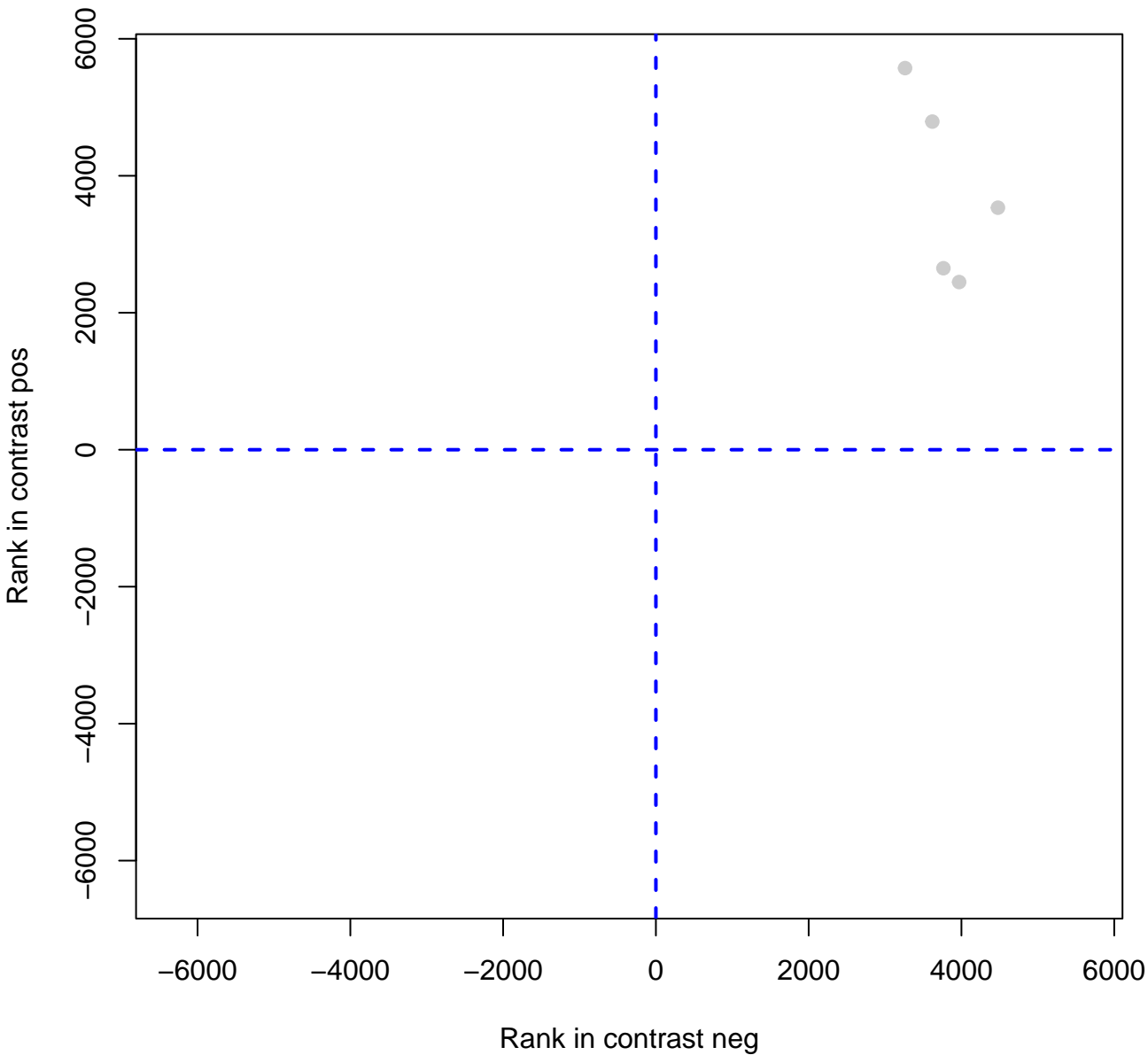
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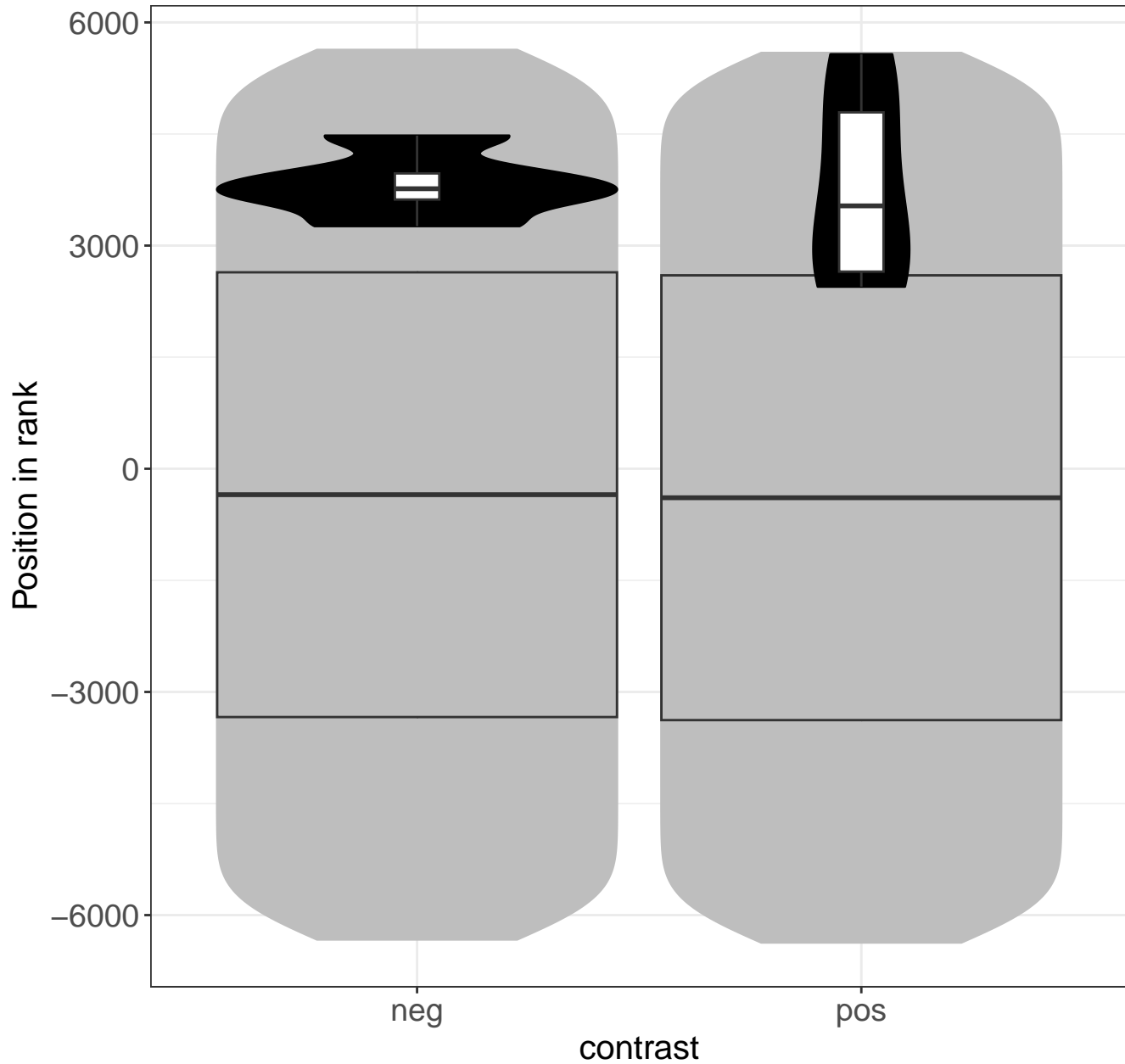
GOBP MUCOCILIARY CLEARANCE



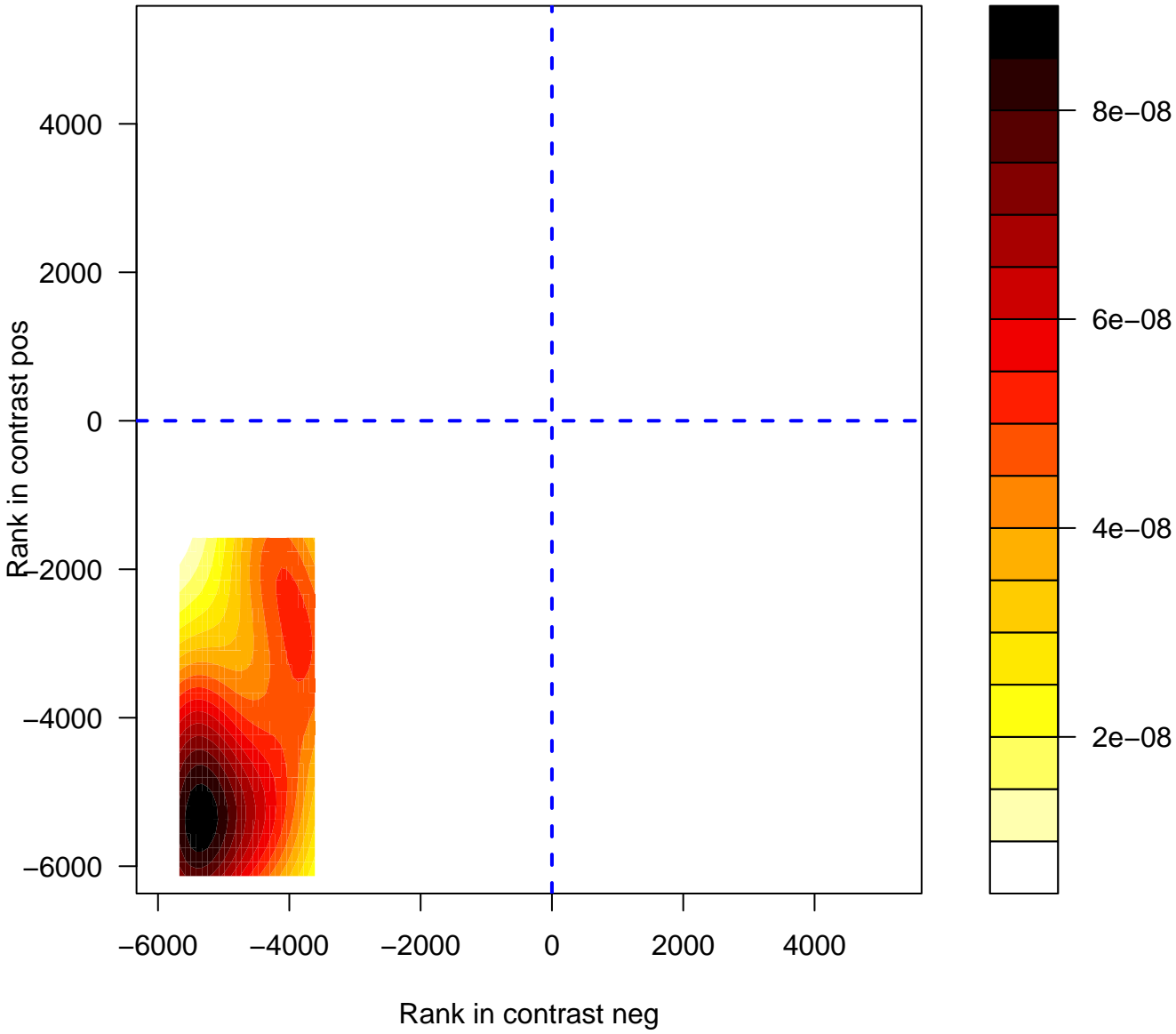
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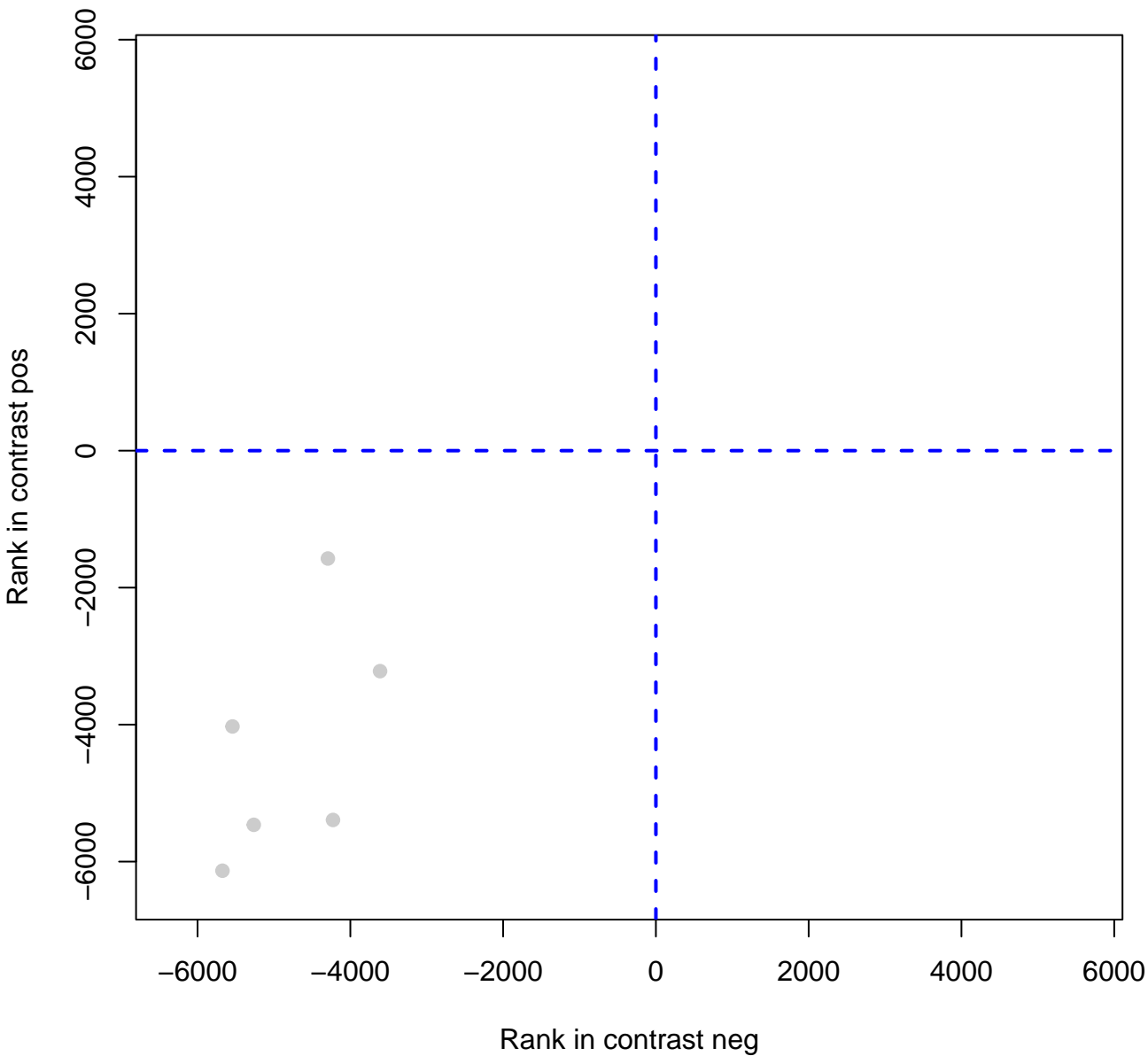
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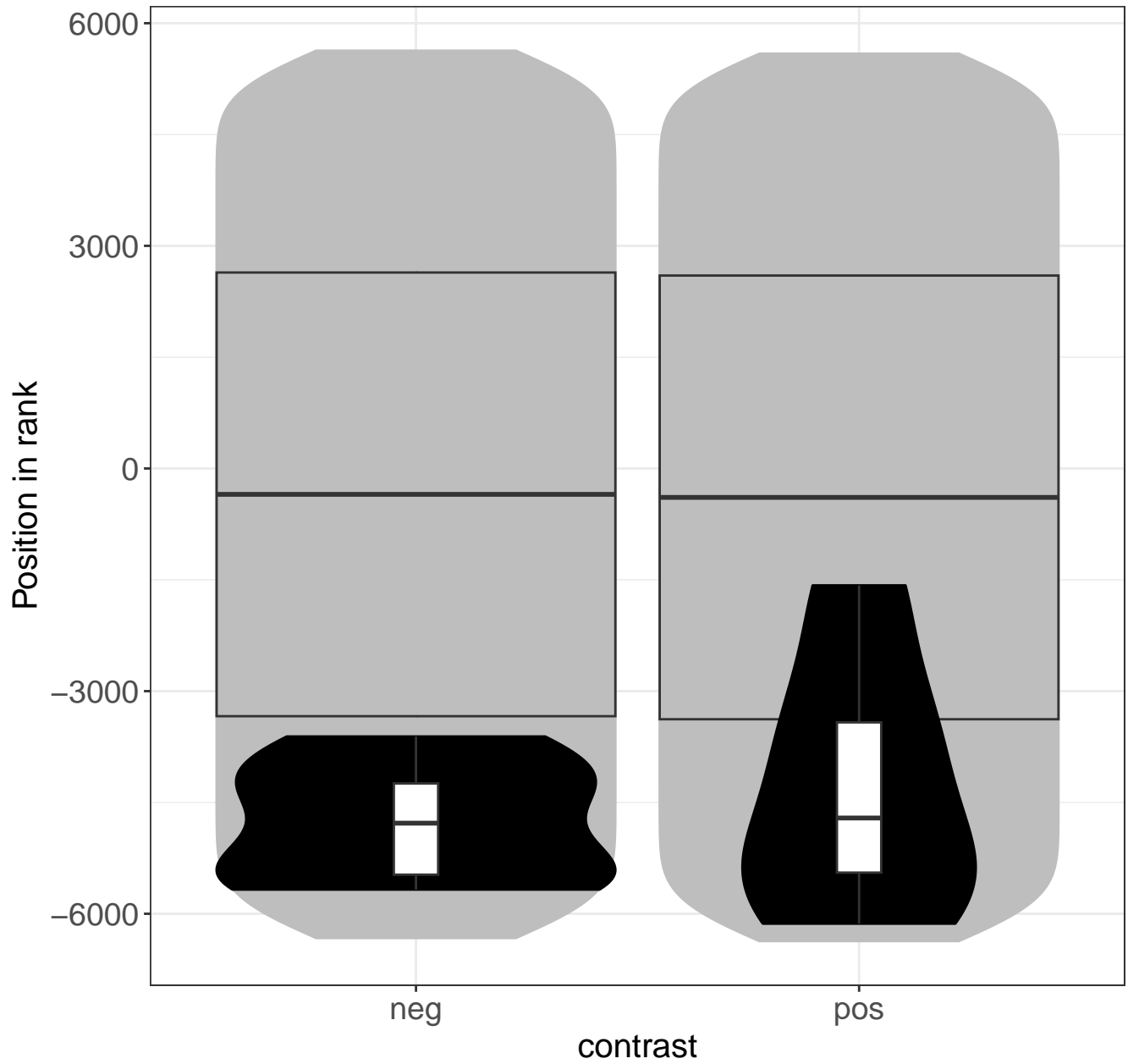
CELL COMMUNICATION BY ELECTRICAL COUPLING INVOLV



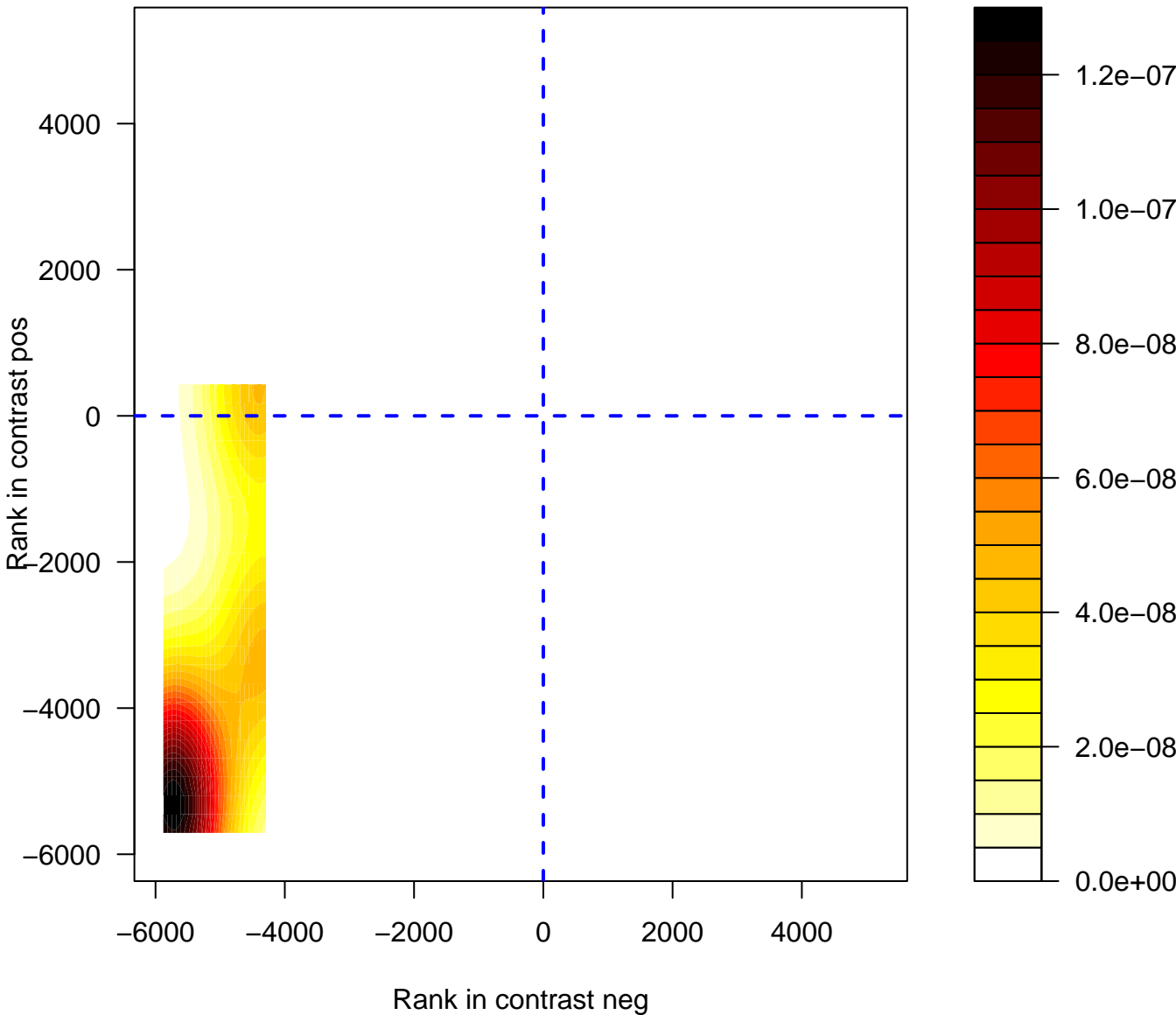
ON OF CELL COMMUNICATION BY ELECTRICAL COUPLING INVOLVED IN C



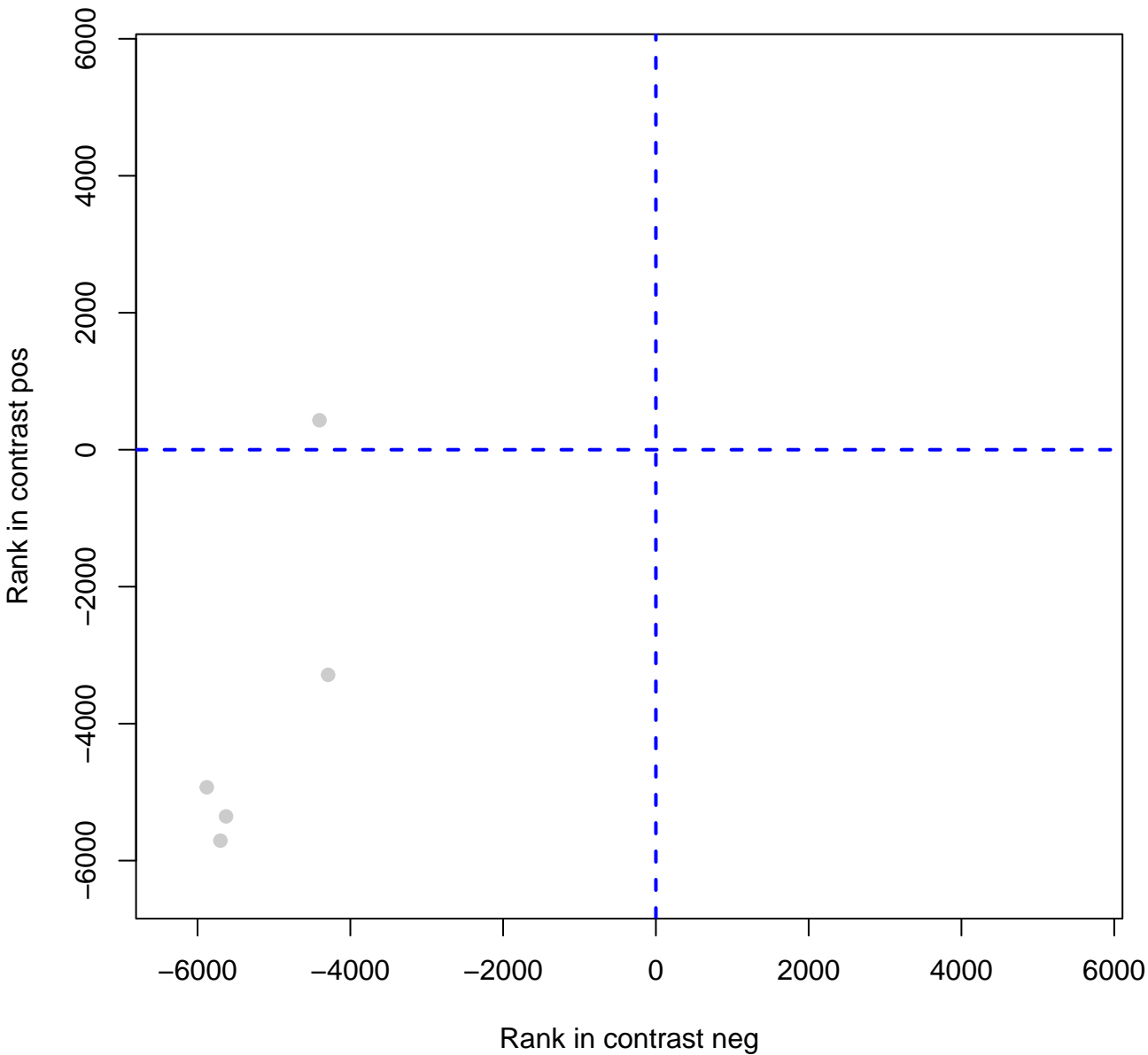
GOBP REGULATION OF CELL COMMUNICATIO



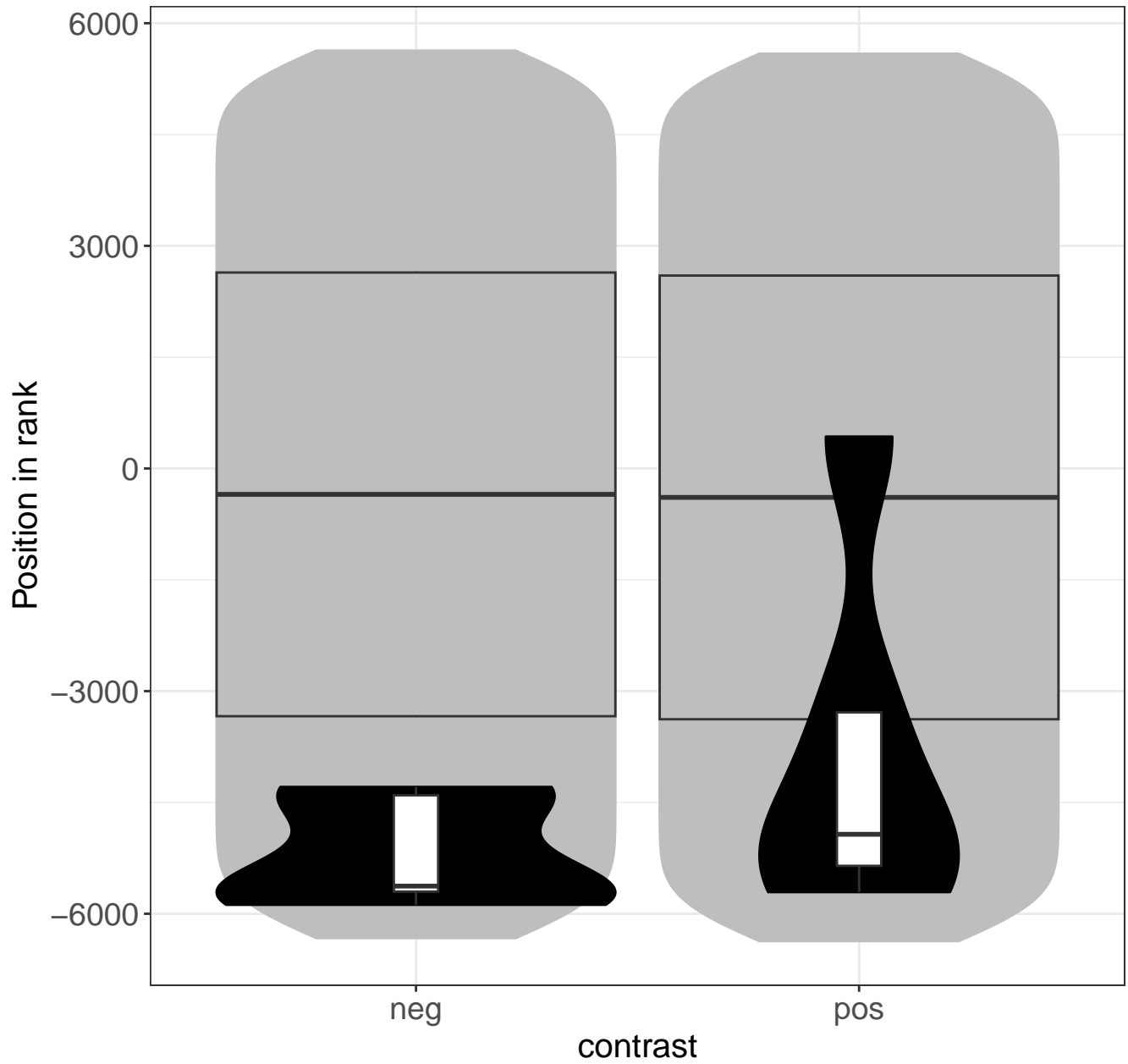
GOCC CRD MEDIATED MRNA STABILITY COMPLEX



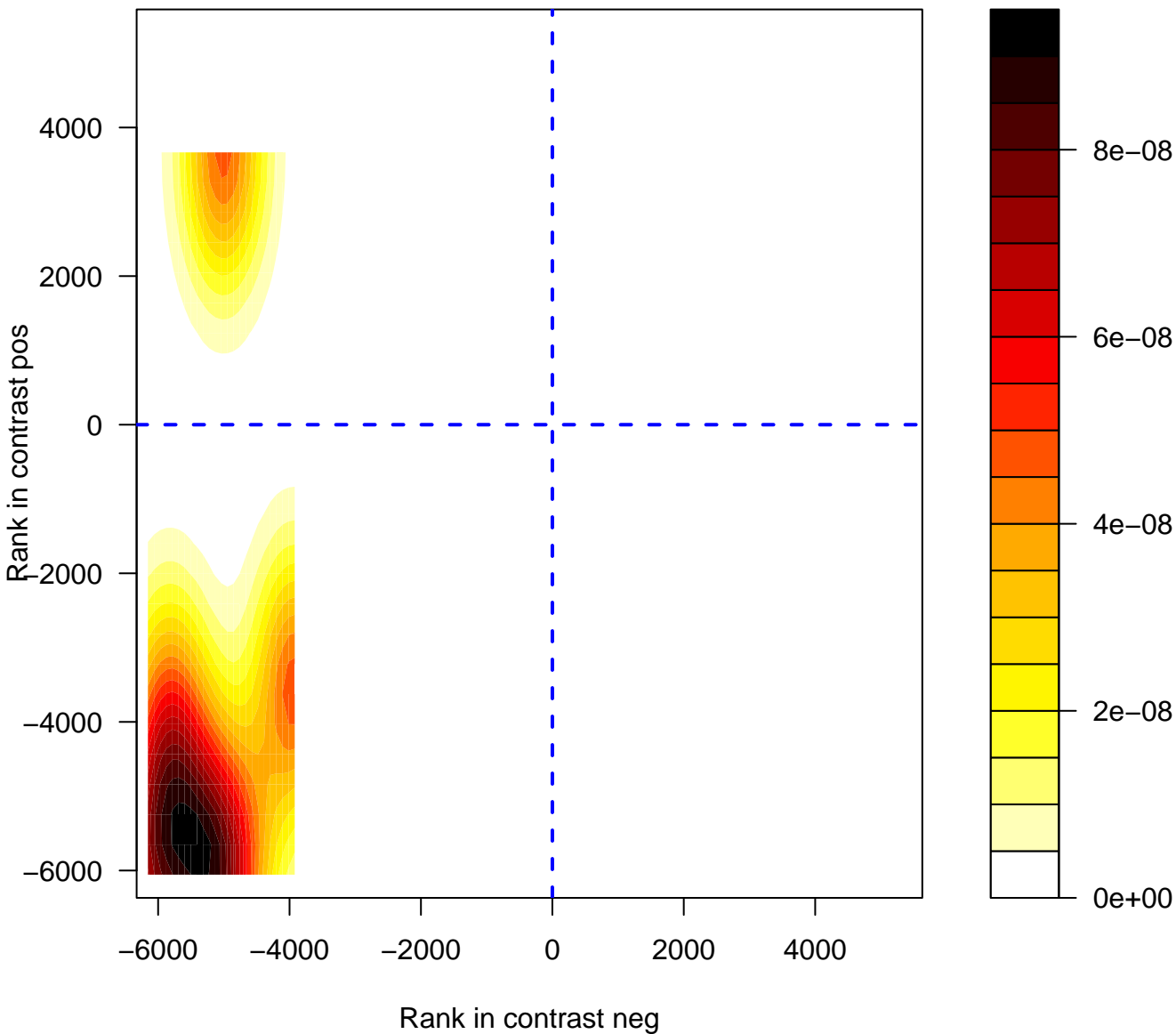
GOCC CRD MEDIATED MRNA STABILITY COMPLEX



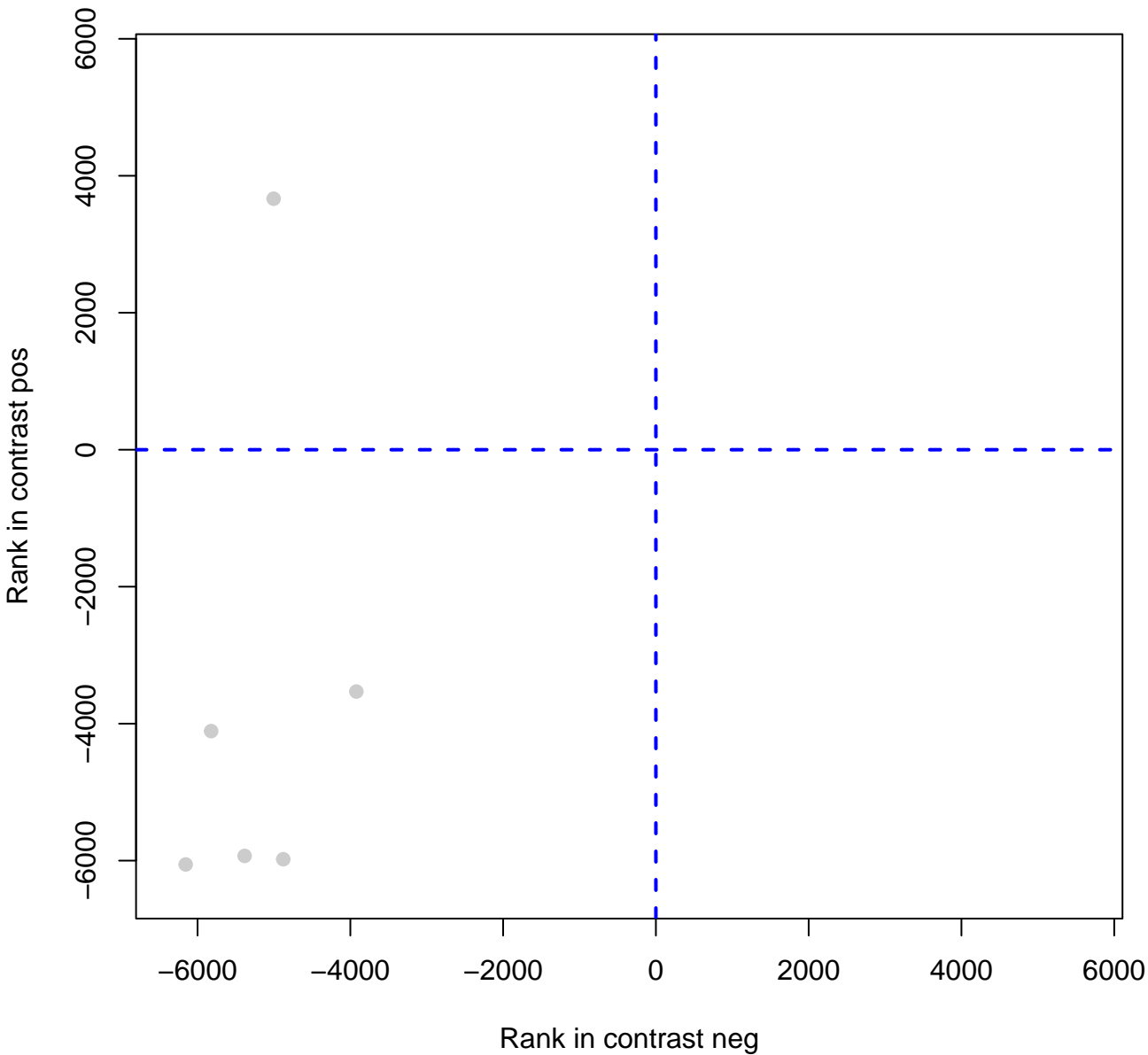
GOCC CRD MEDIATED MRNA STABILITY COM



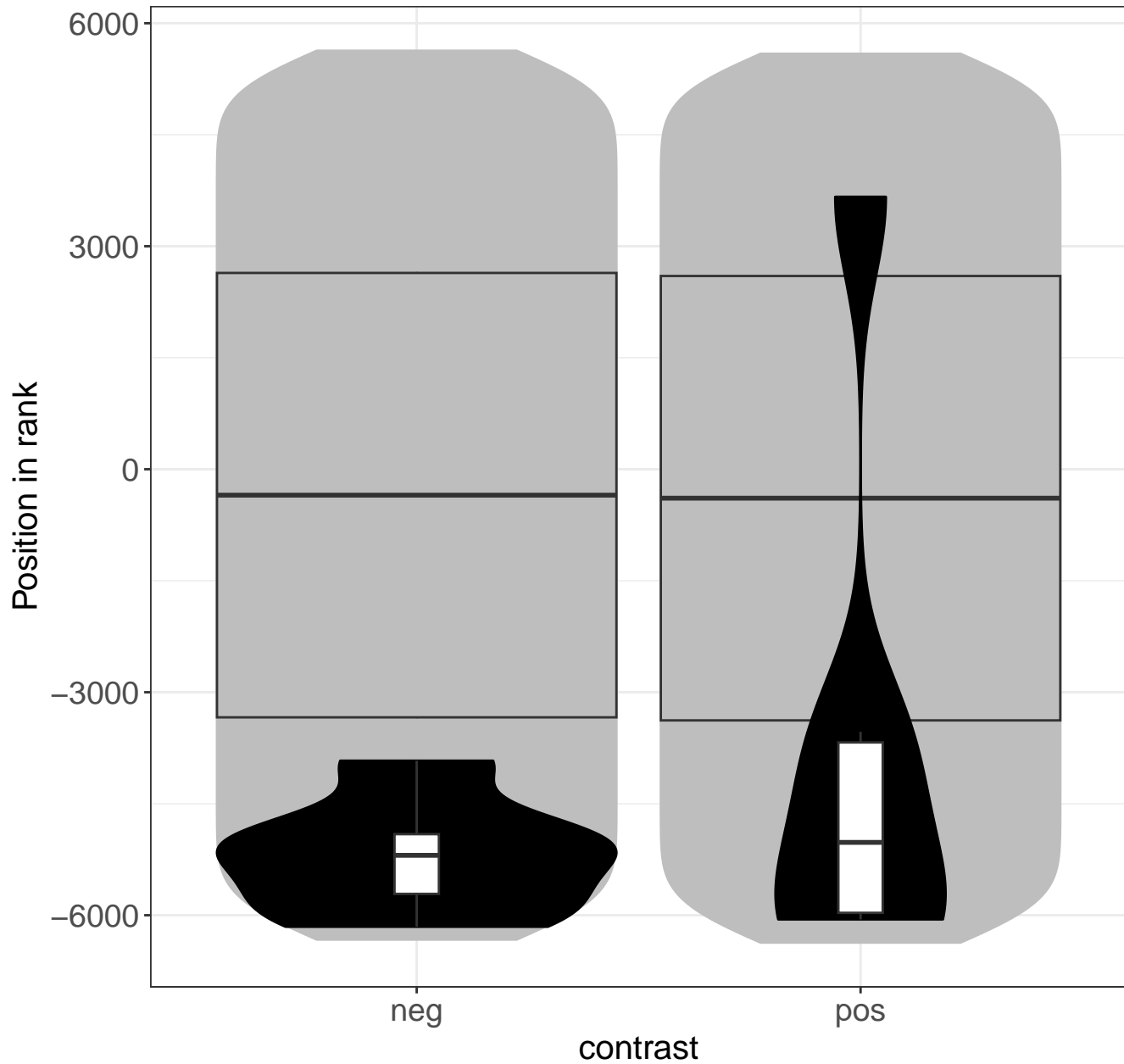
GOMF TPR DOMAIN BINDING



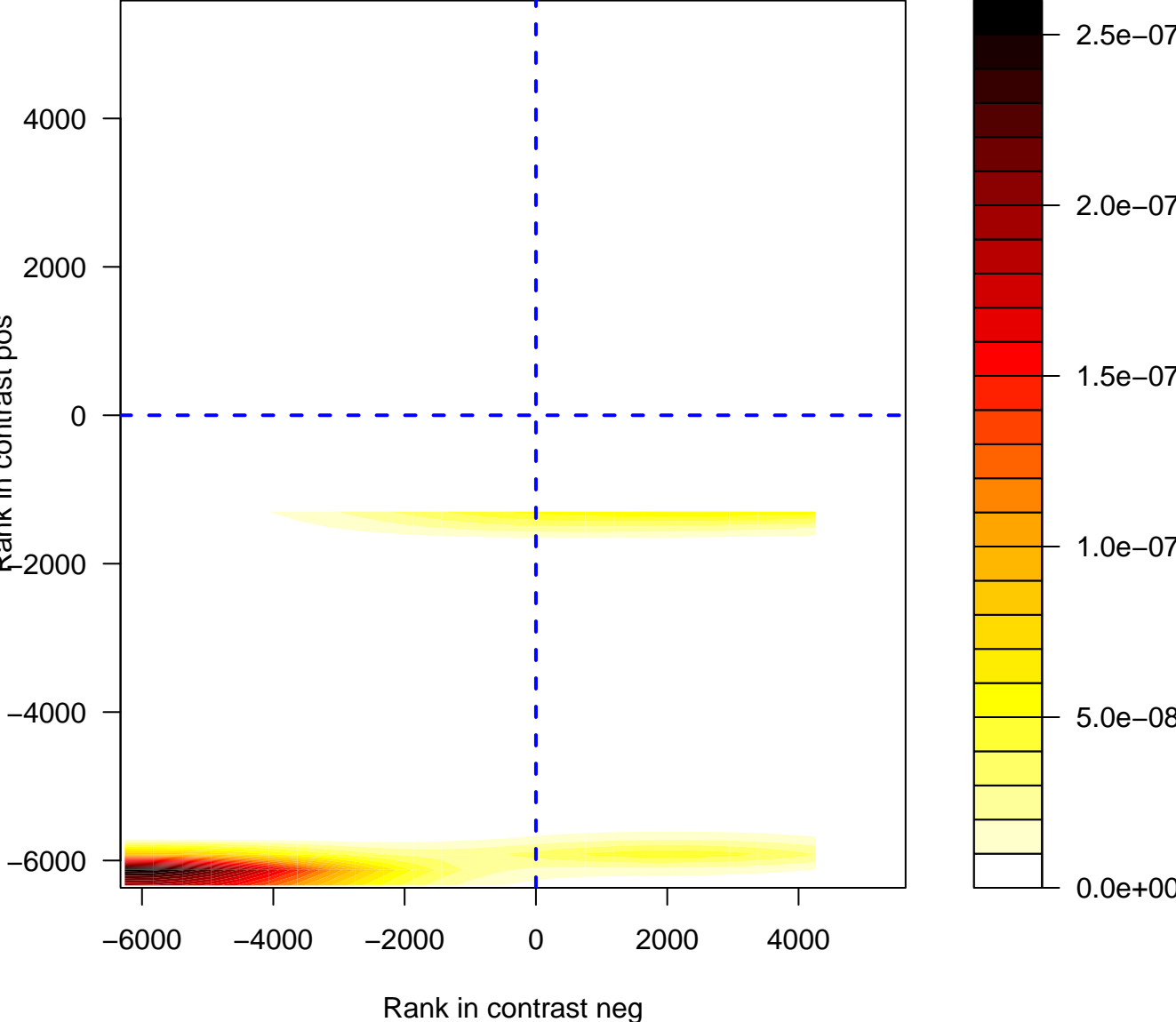
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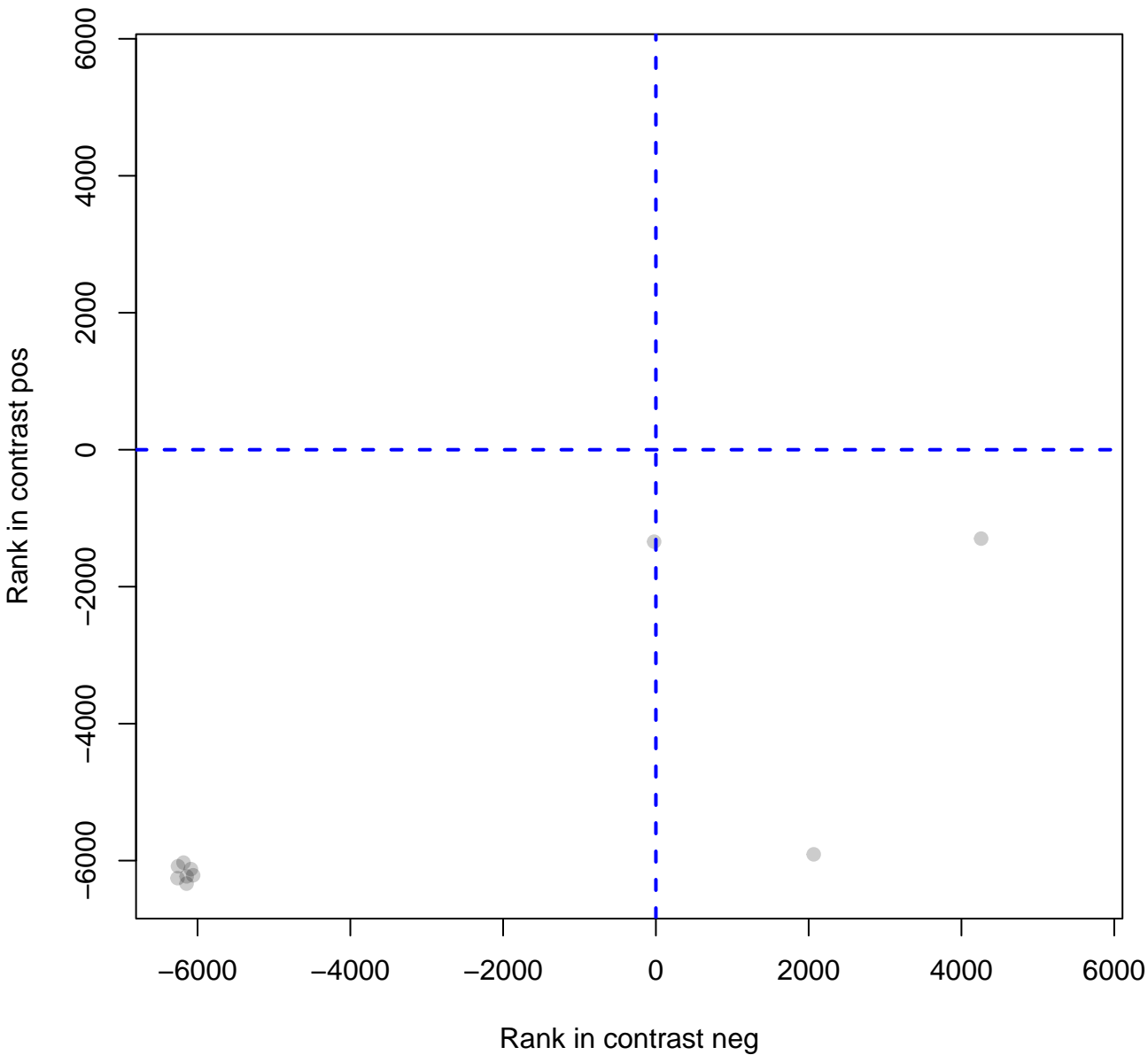
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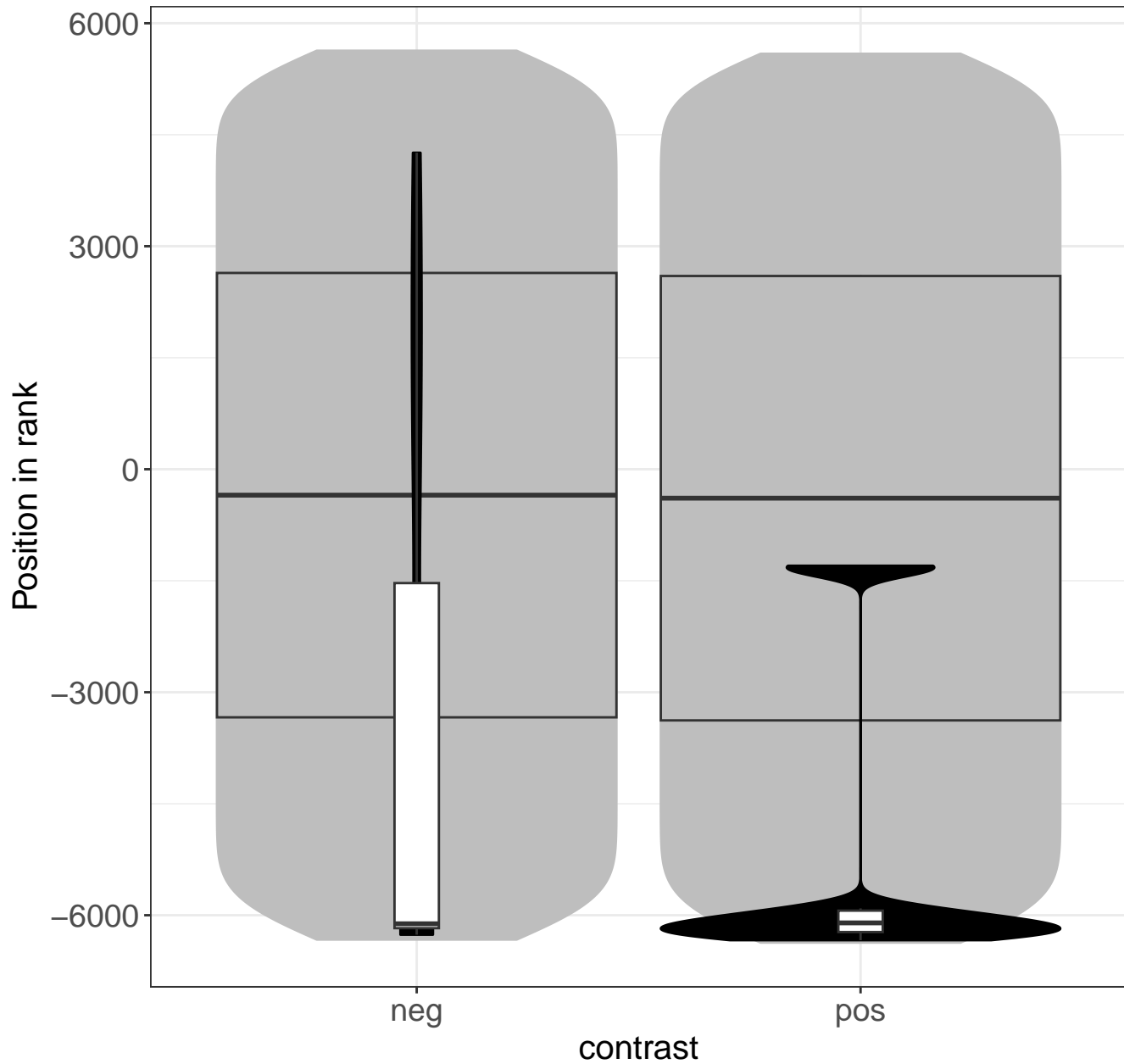
GOMF UBIQUITIN PROTEIN TRANSFERASE INHIBITOR ACT



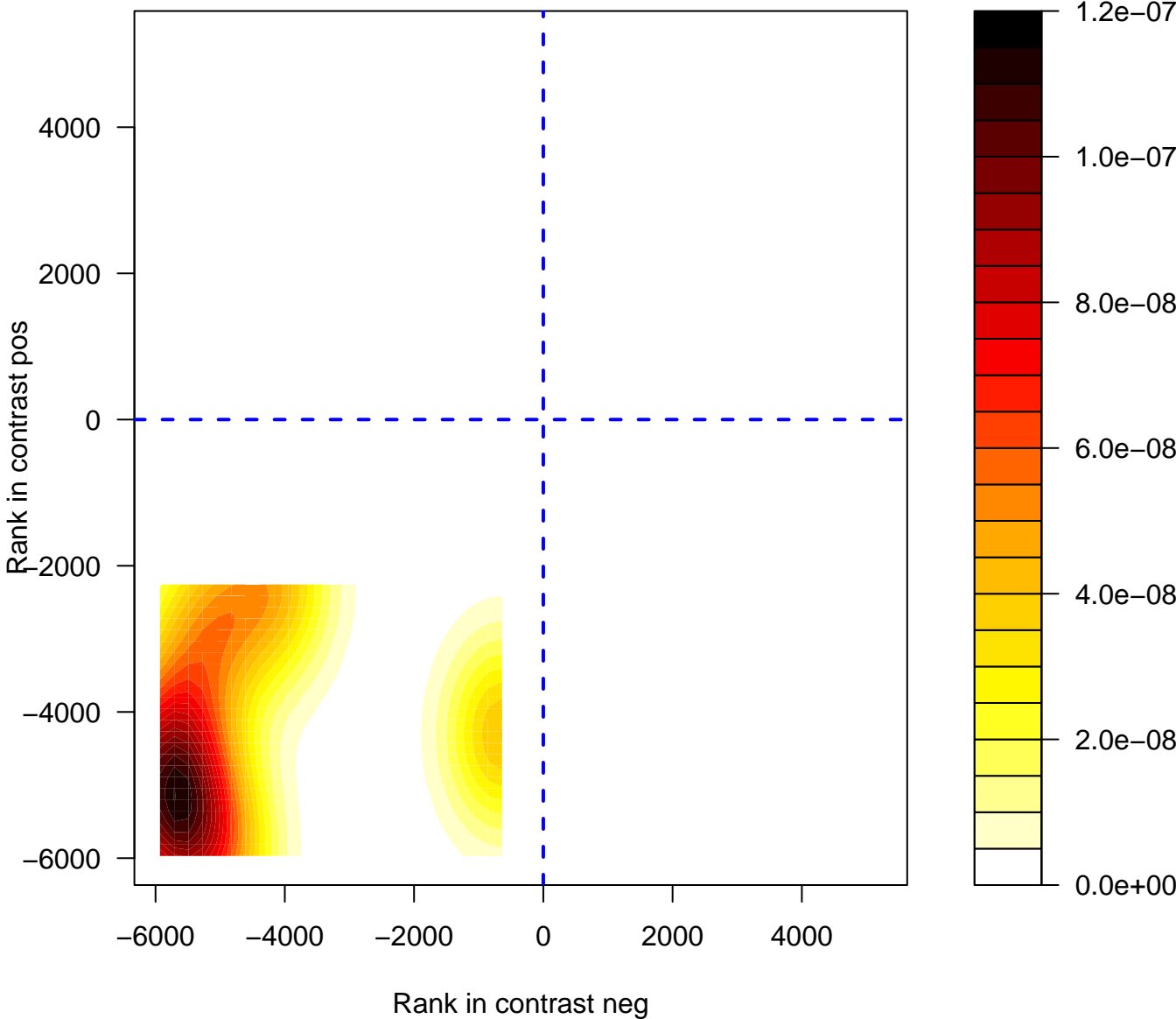
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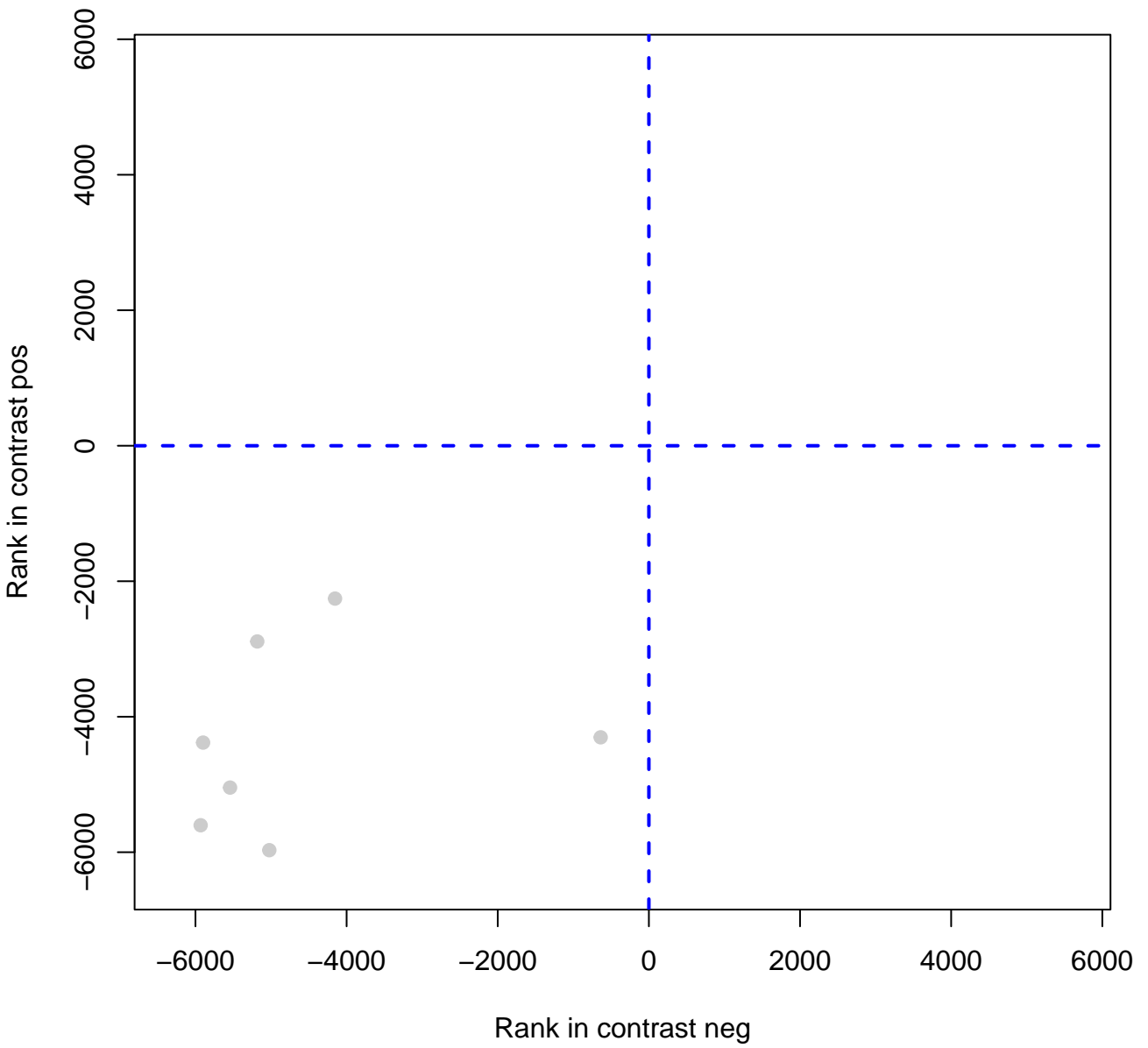
GOMF UBIQUITIN PROTEIN TRANSFERASE IN



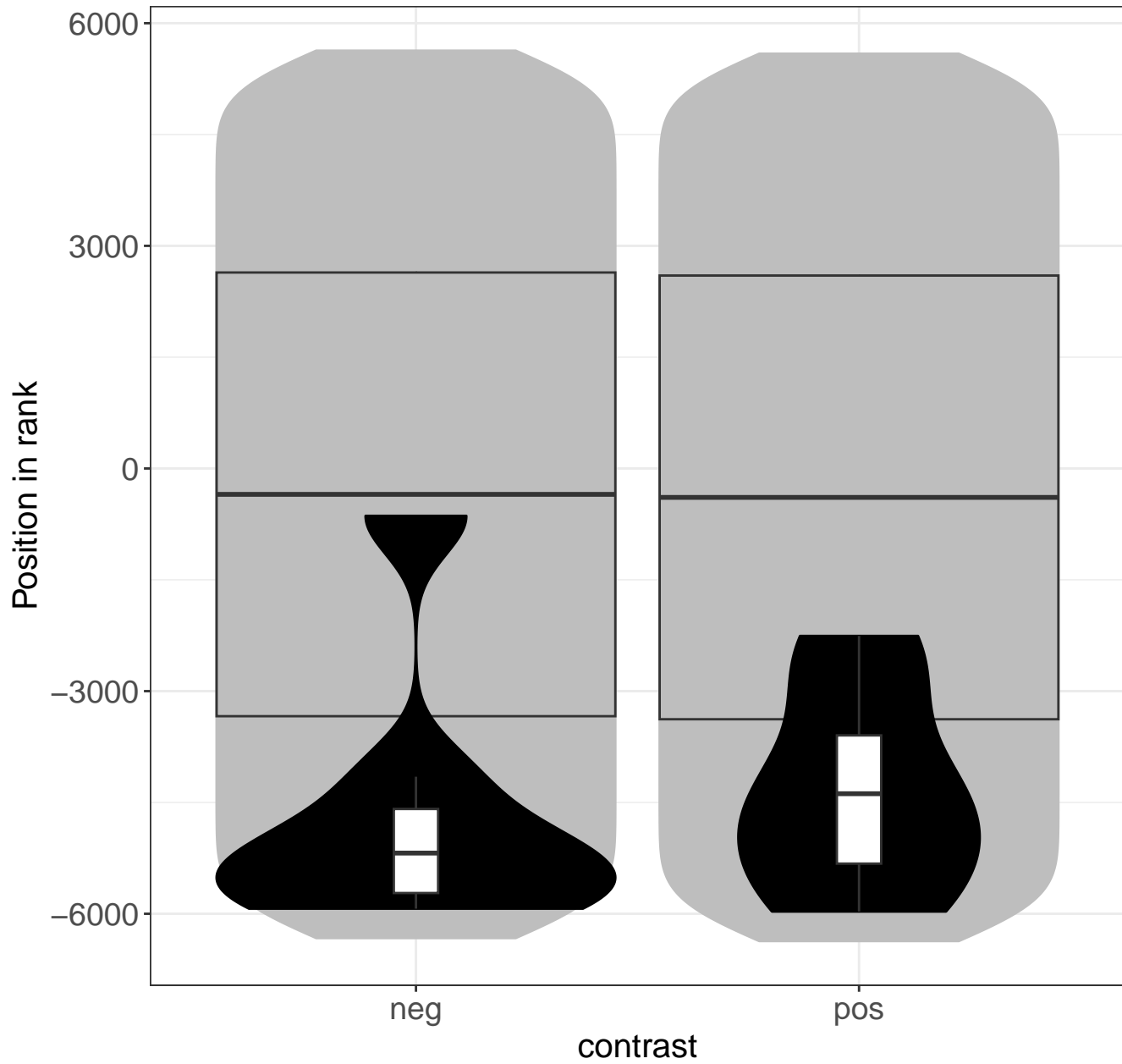
OBP ESTABLISHMENT OF MITOTIC SISTER CHROMATID CO



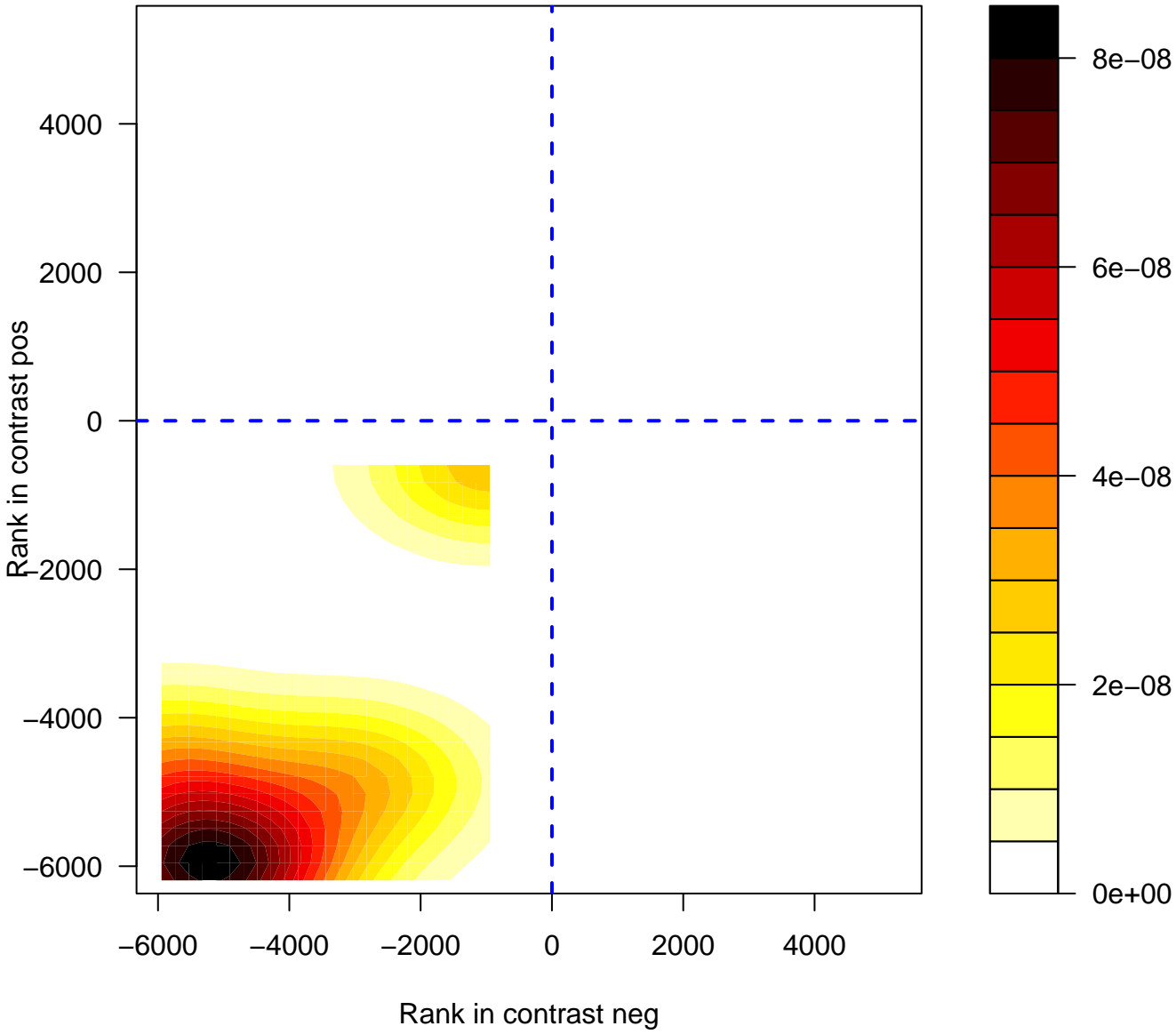
GOBP ESTABLISHMENT OF MITOTIC SISTER CHROMATID COHESION



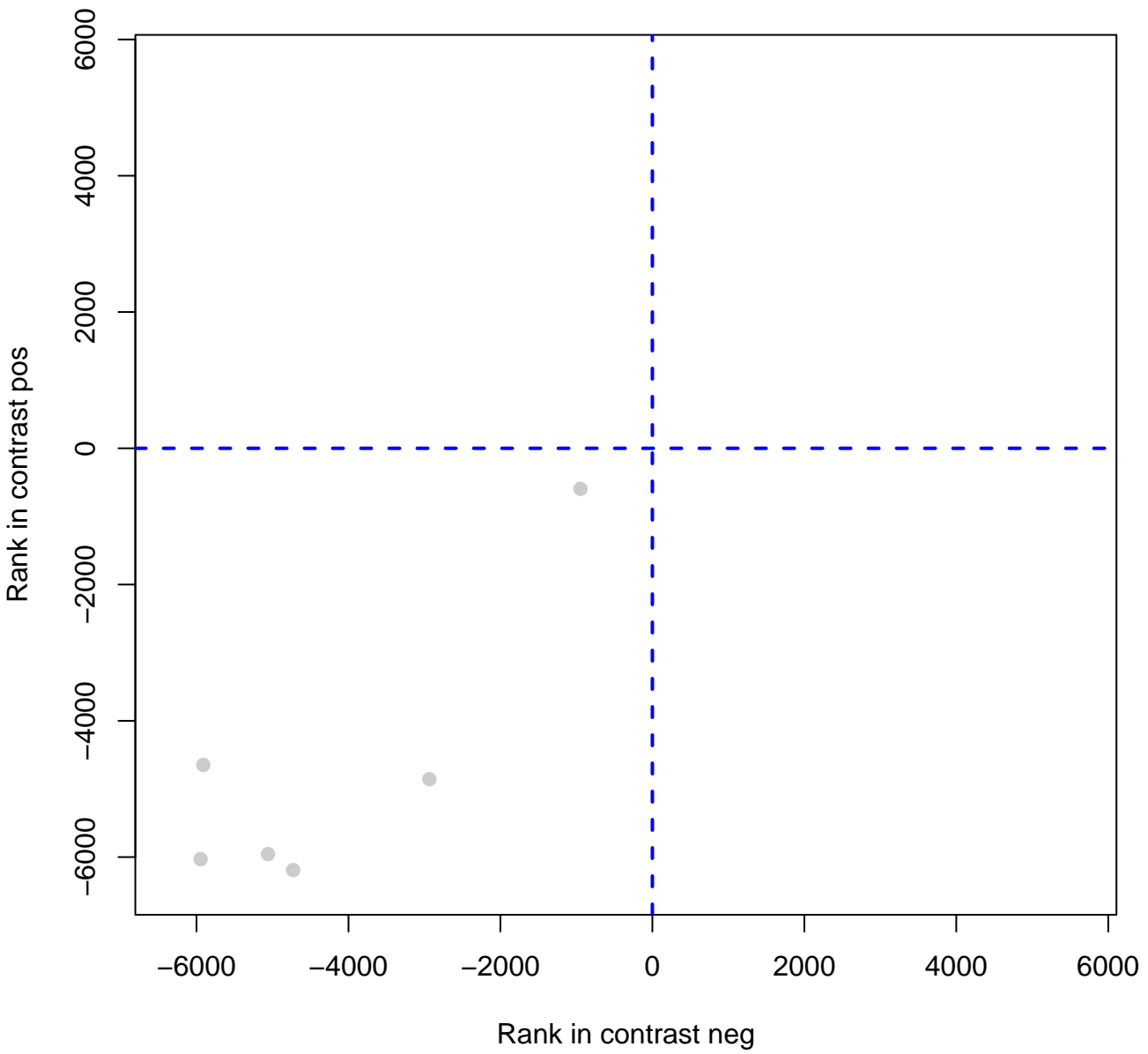
GOBP ESTABLISHMENT OF MITOTIC SISTER C



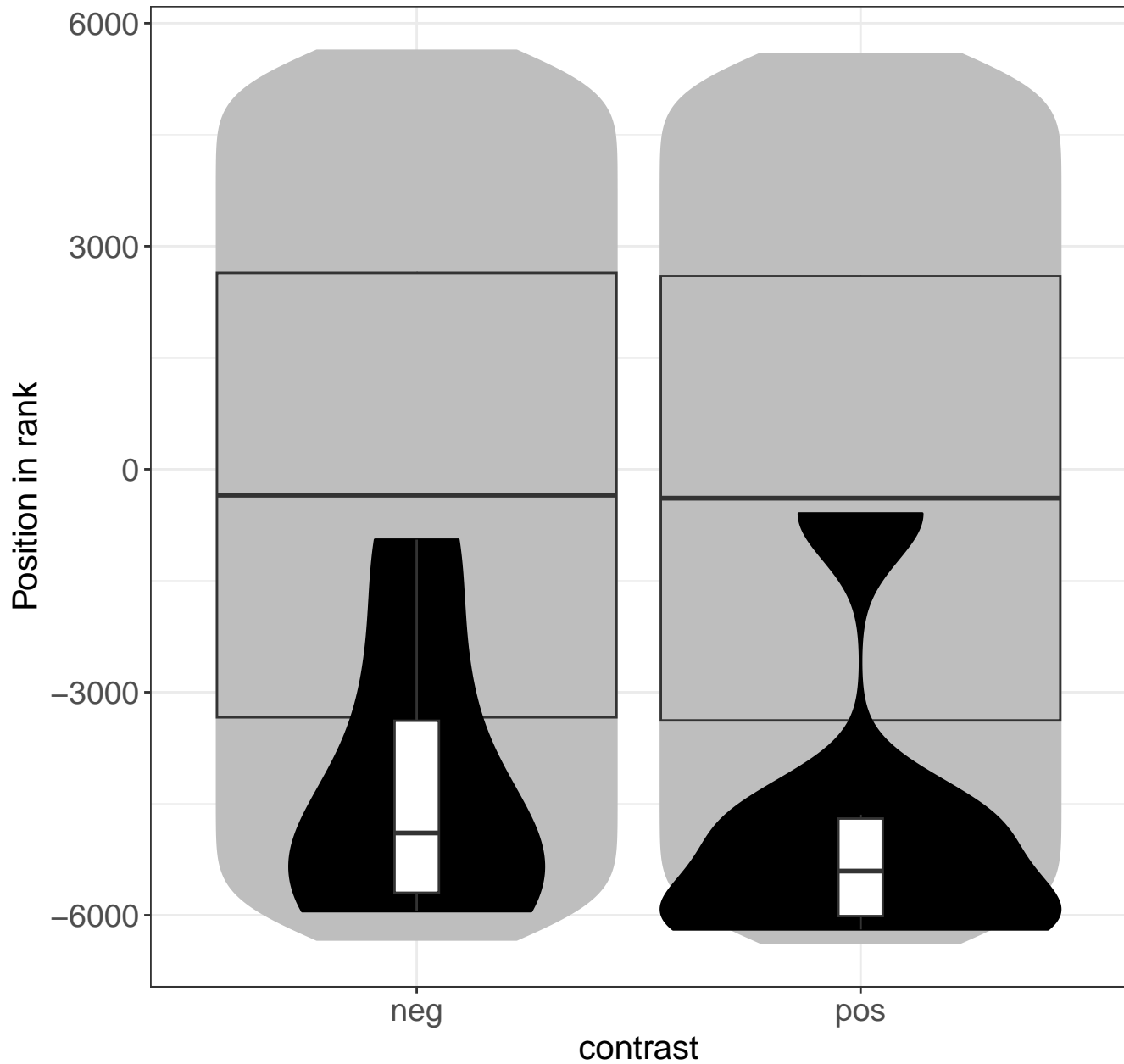
GOBP REGULATION OF PROTEIN K48 LINKED UBIQUITINA



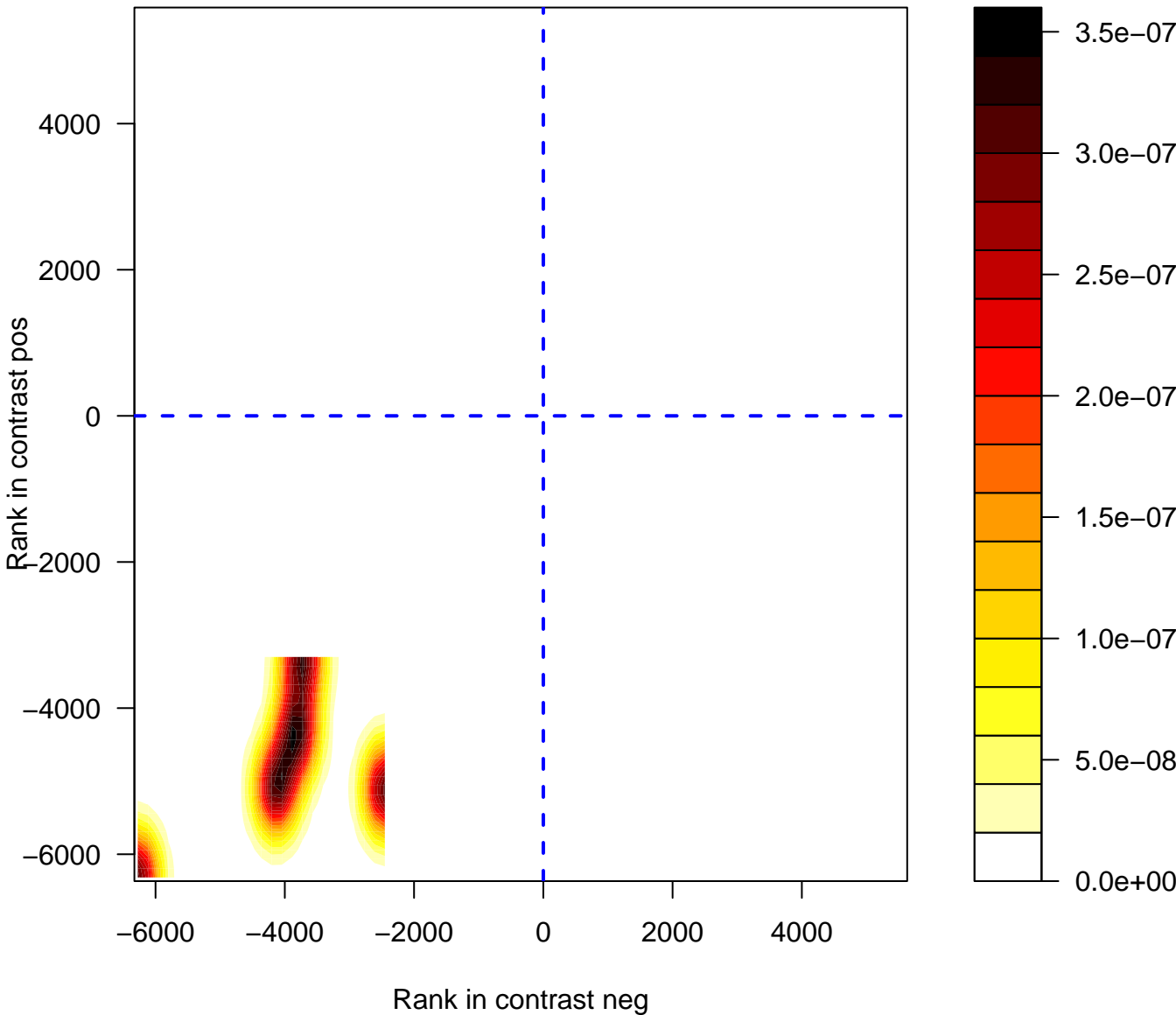
GOBP REGULATION OF PROTEIN K48 LINKED UBIQUITINATION



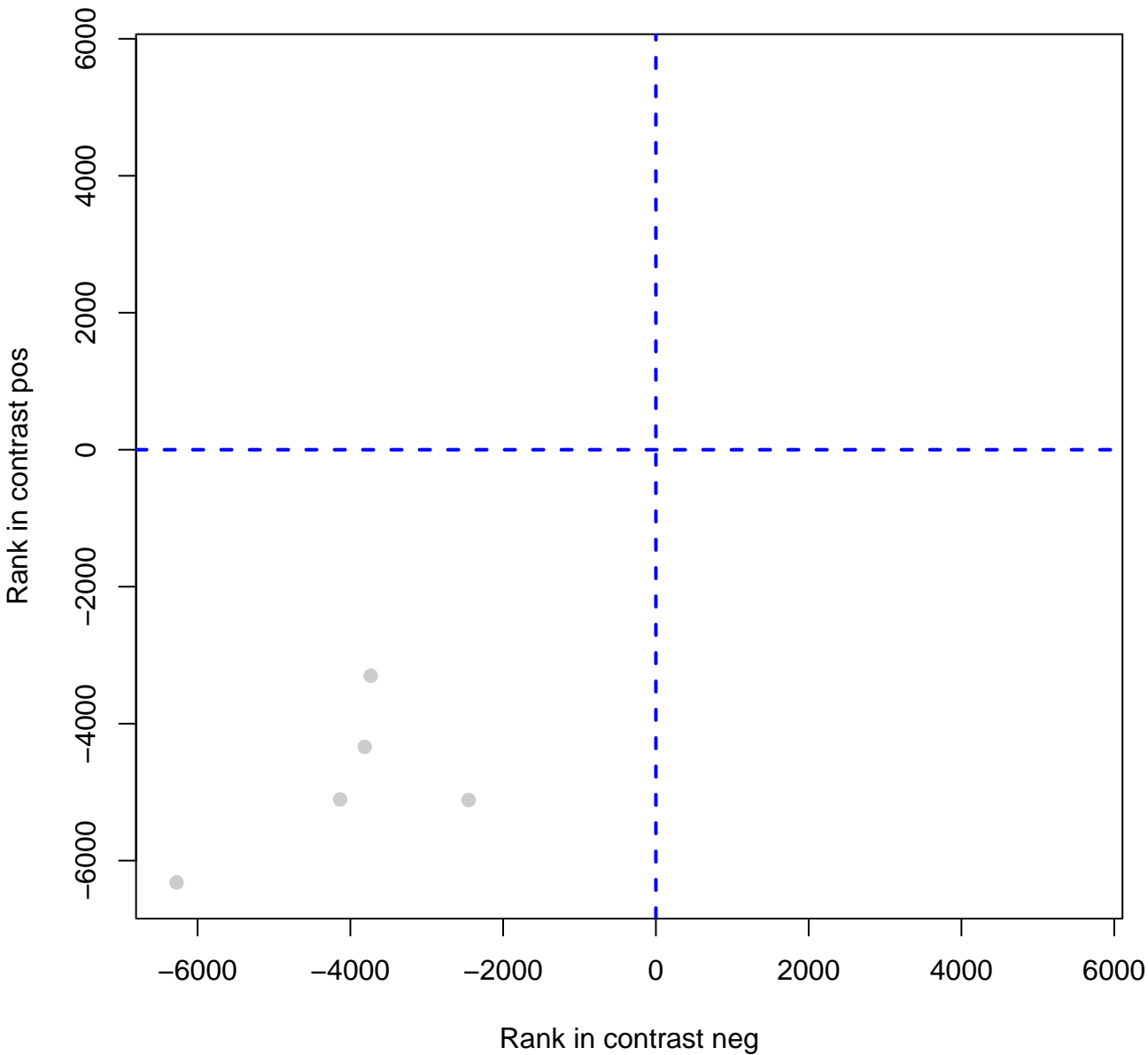
GOBP REGULATION OF PROTEIN K48 LINKED



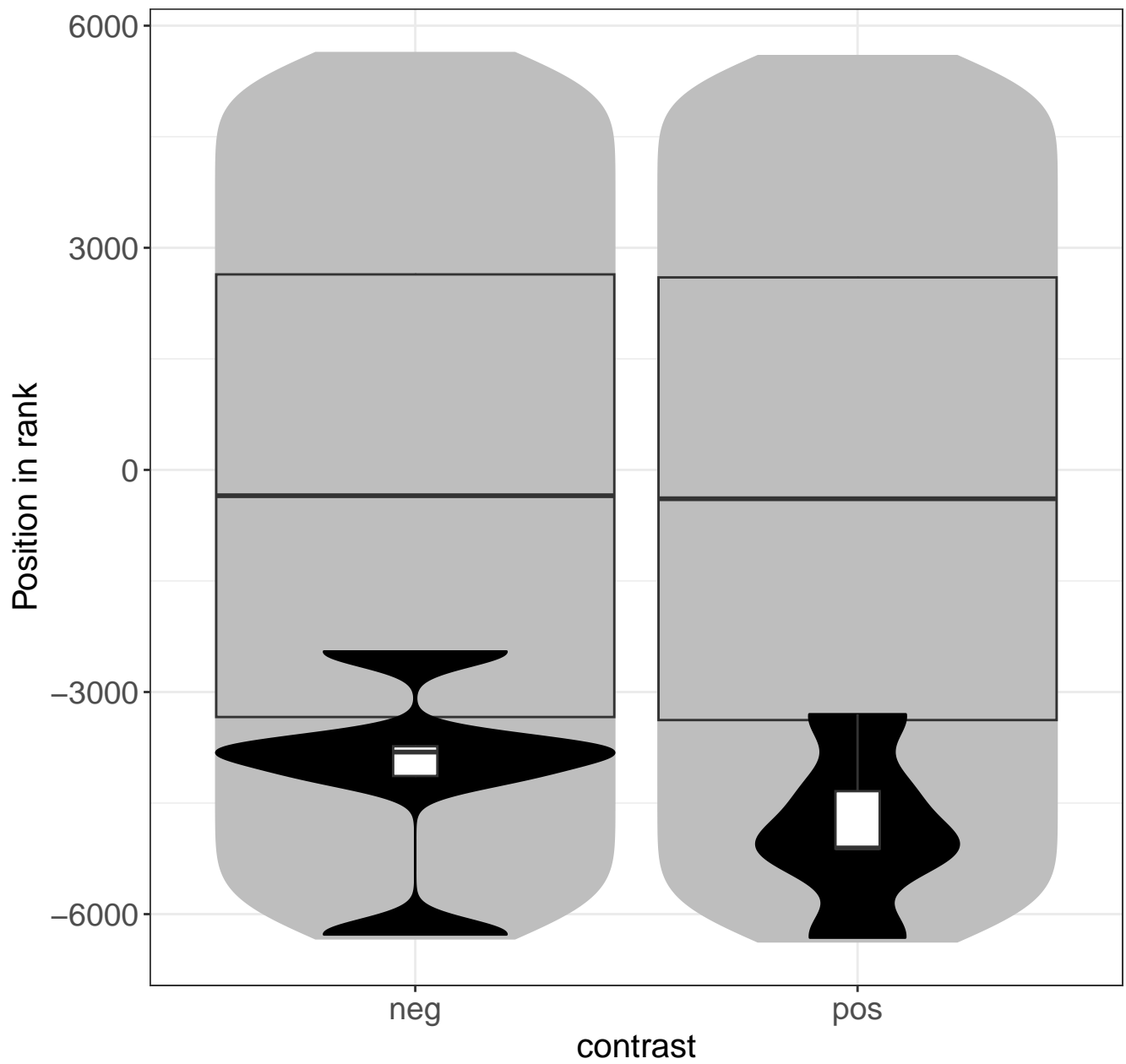
GOBP ACTIVATION OF JANUS KINASE ACTIVITY



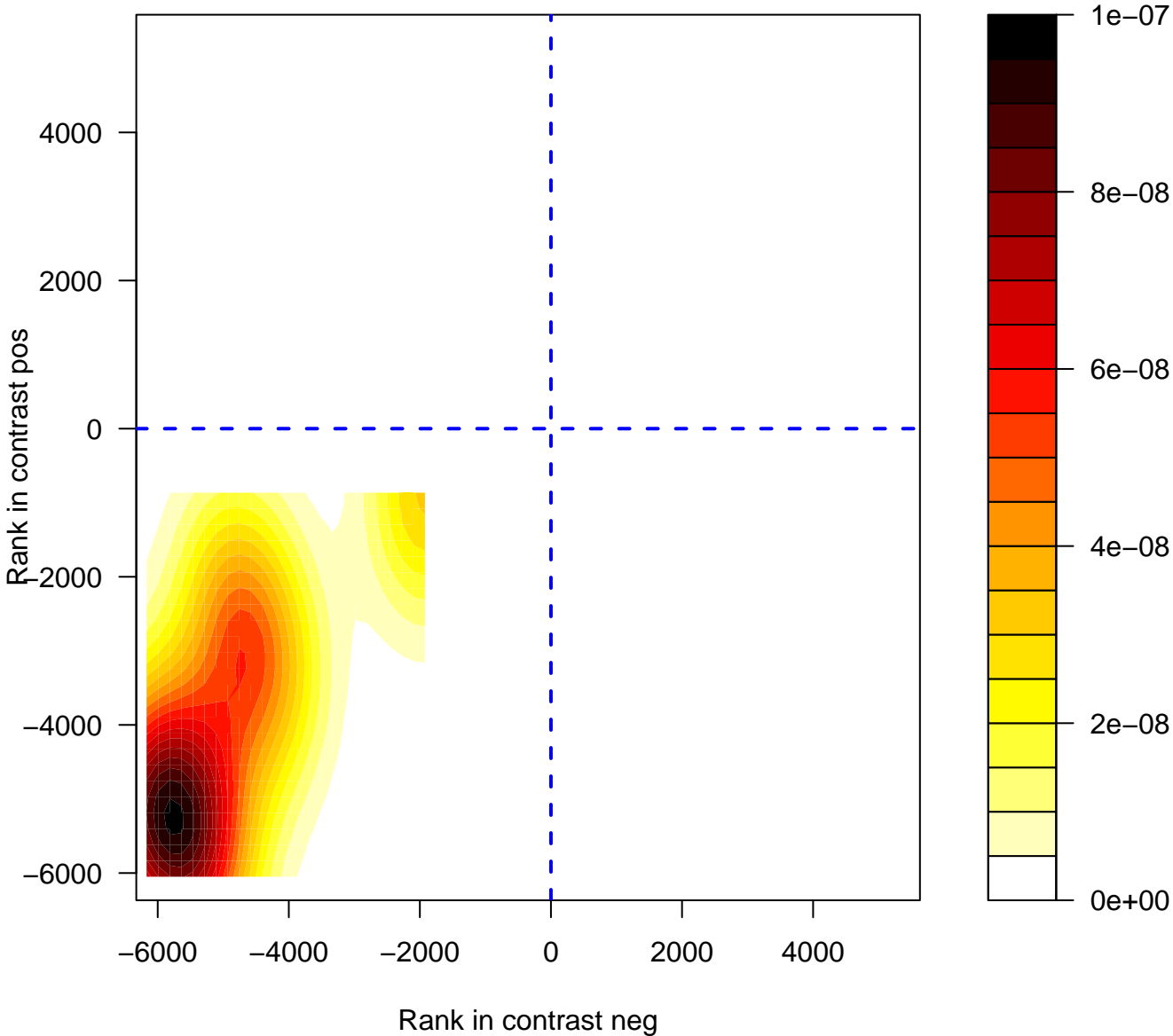
GOBP ACTIVATION OF JANUS KINASE ACTIVITY



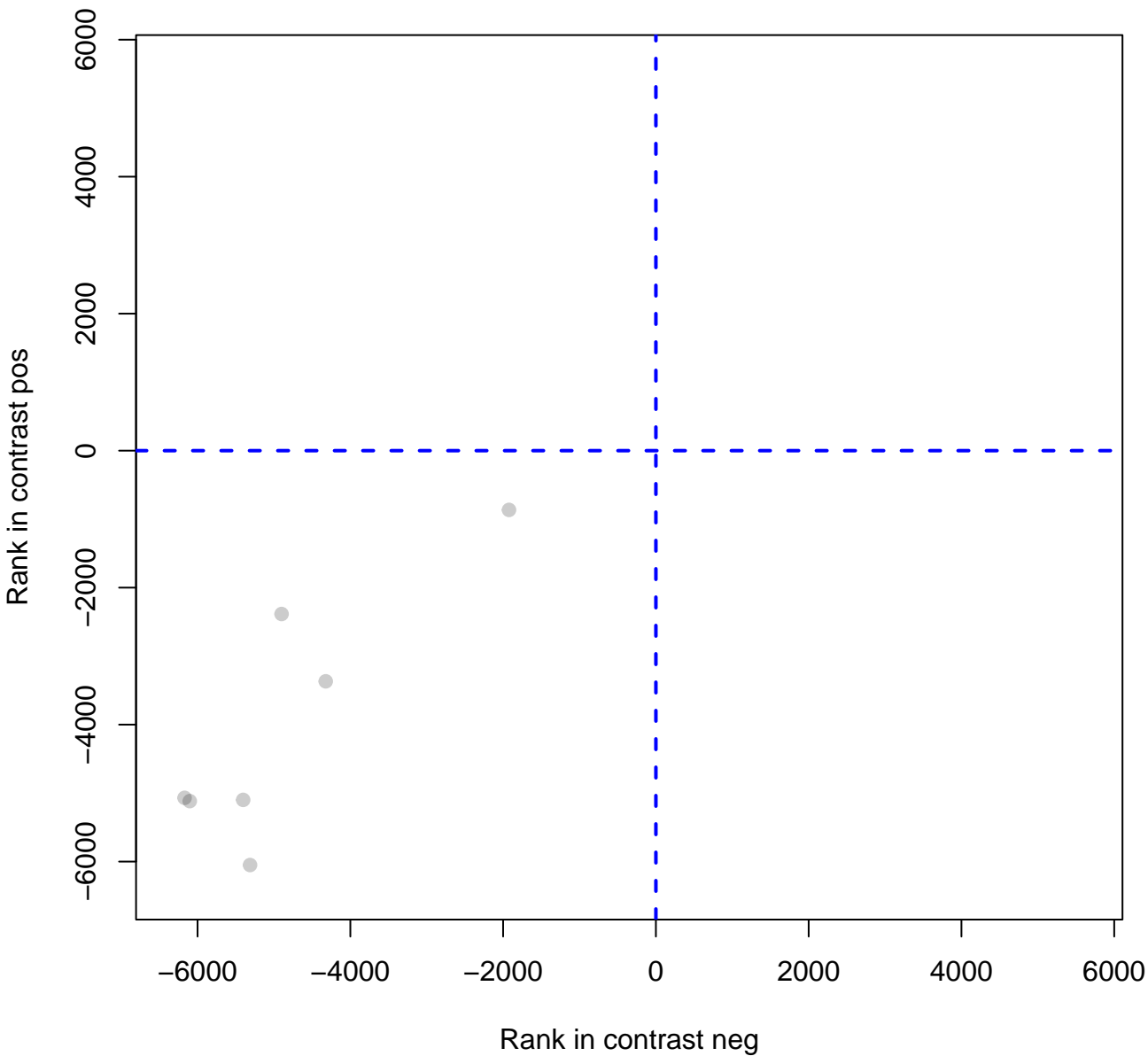
GOBP ACTIVATION OF JANUS KINASE ACTIVIT



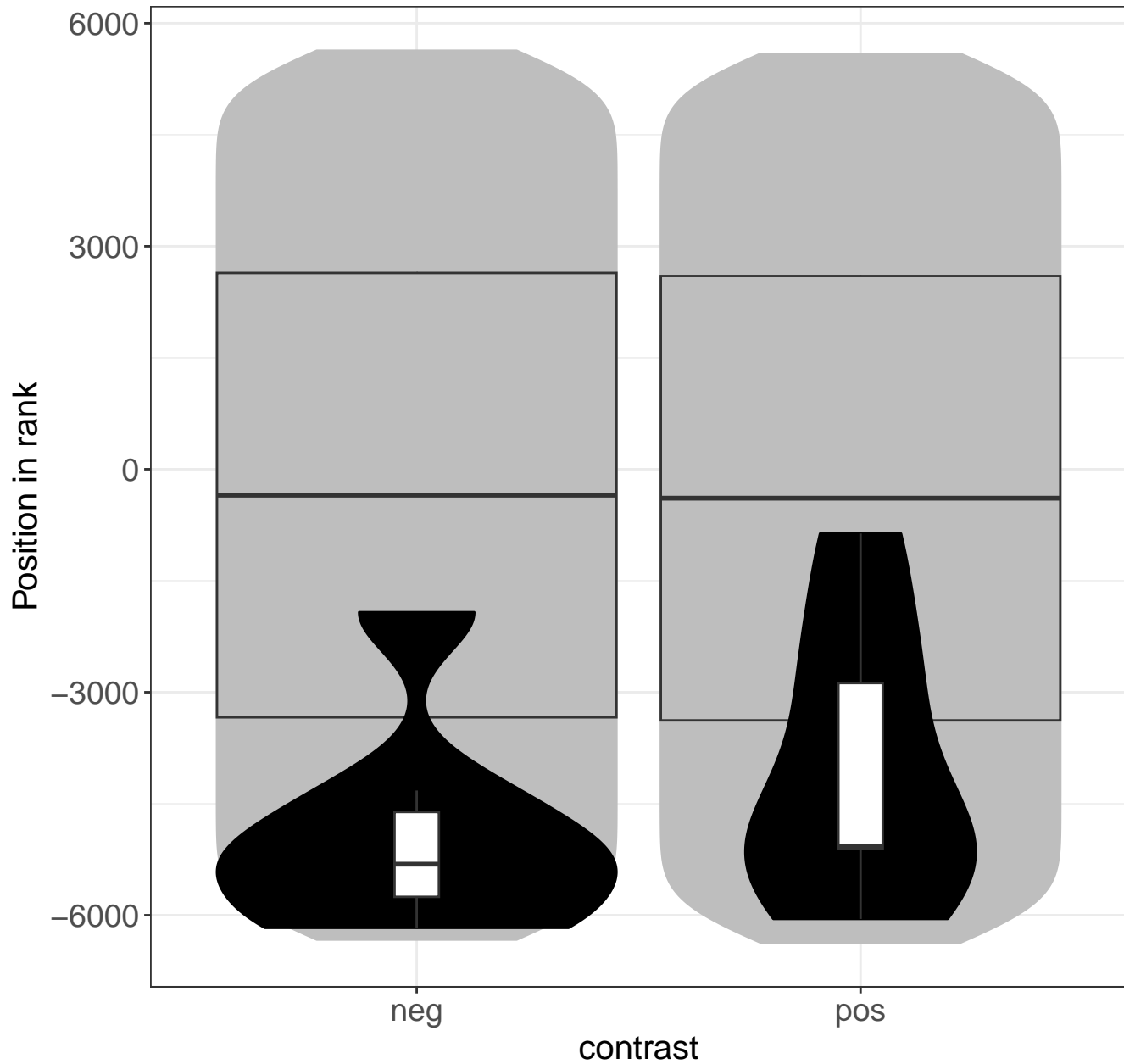
GOBP INTERLEUKIN 2 MEDIATED SIGNALING PATHWAY



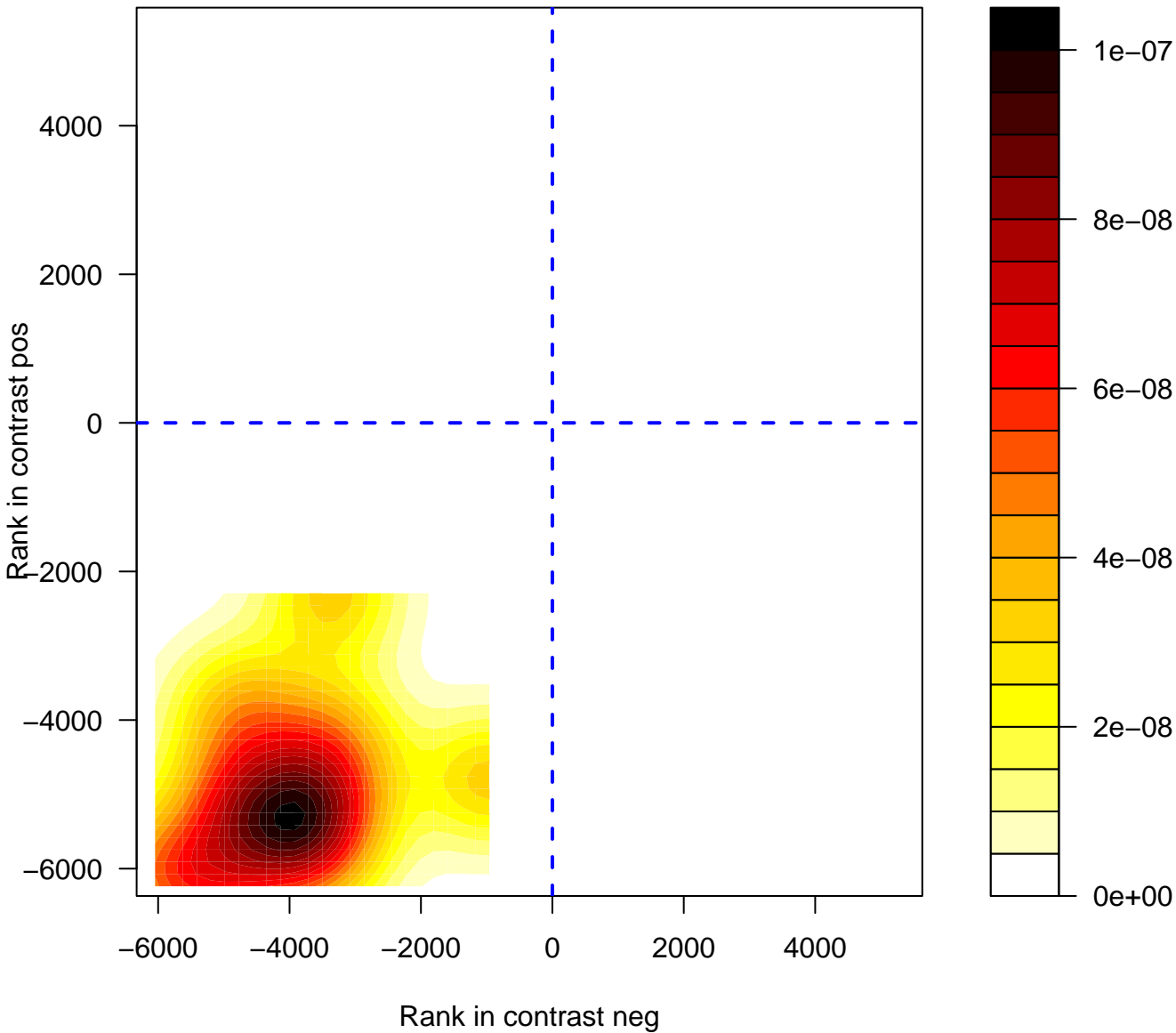
GOBP INTERLEUKIN 2 MEDIATED SIGNALING PATHWAY



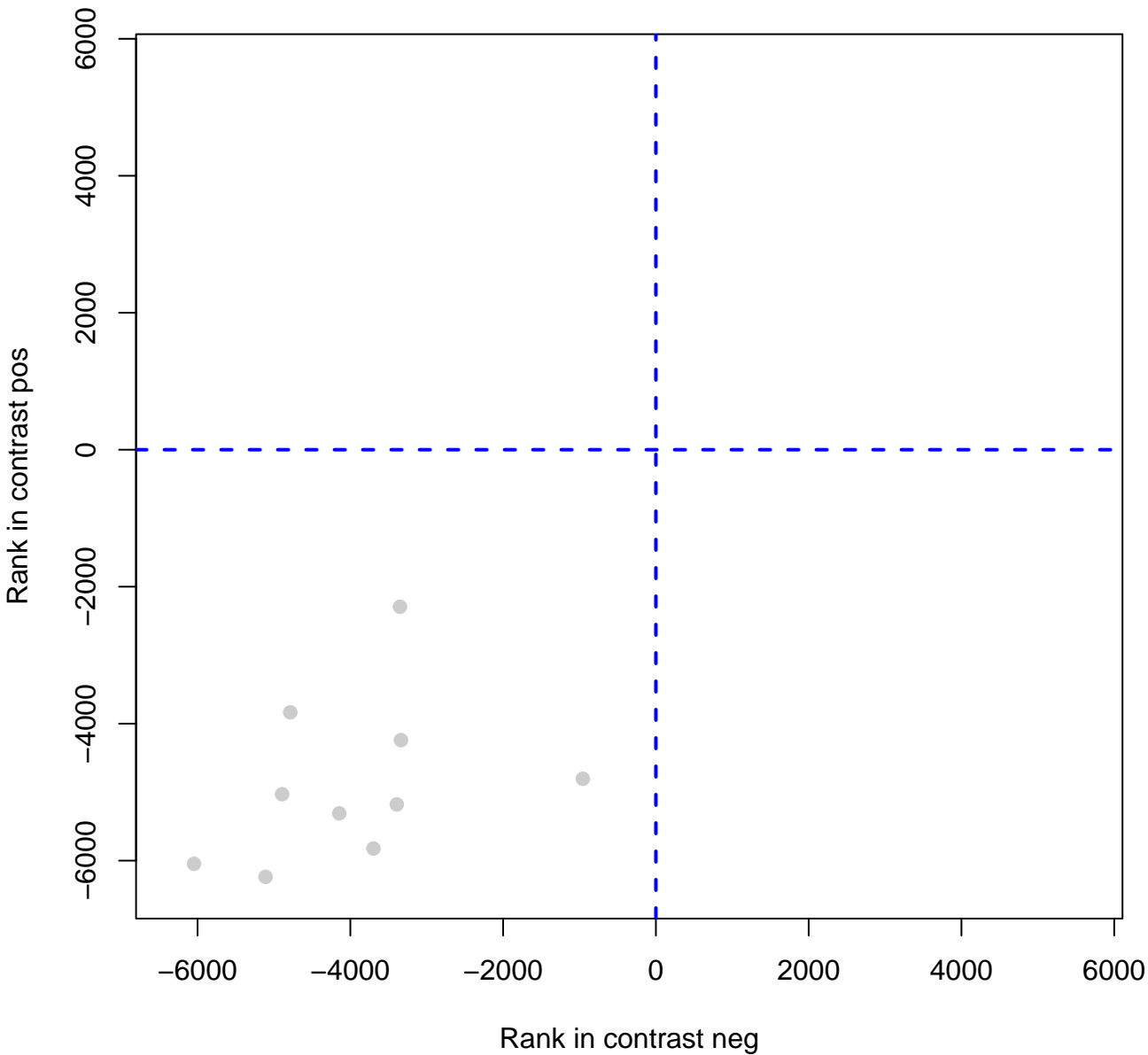
GOBP INTERLEUKIN 2 MEDIATED SIGNALING



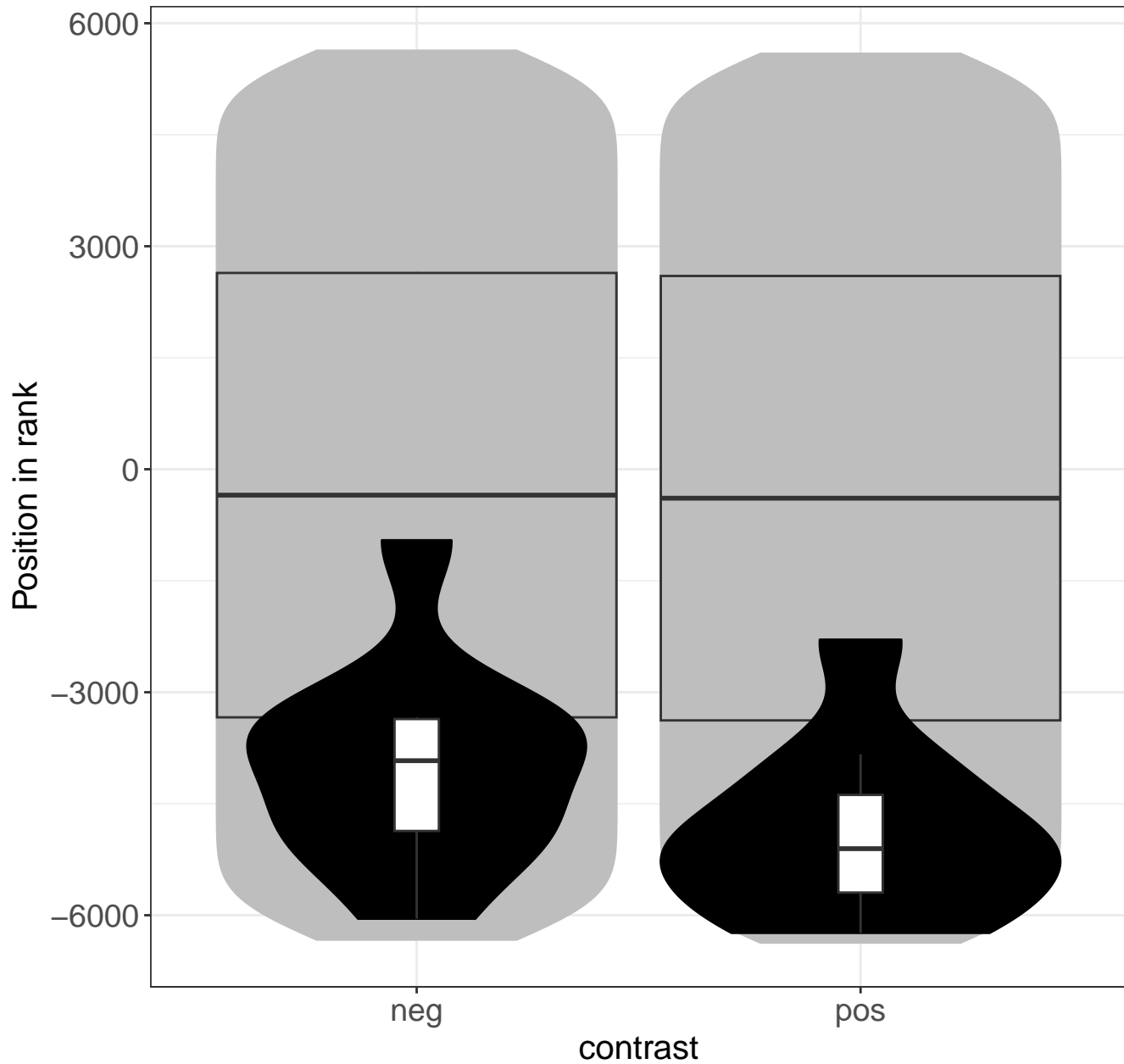
GOCC U4 SNRNP



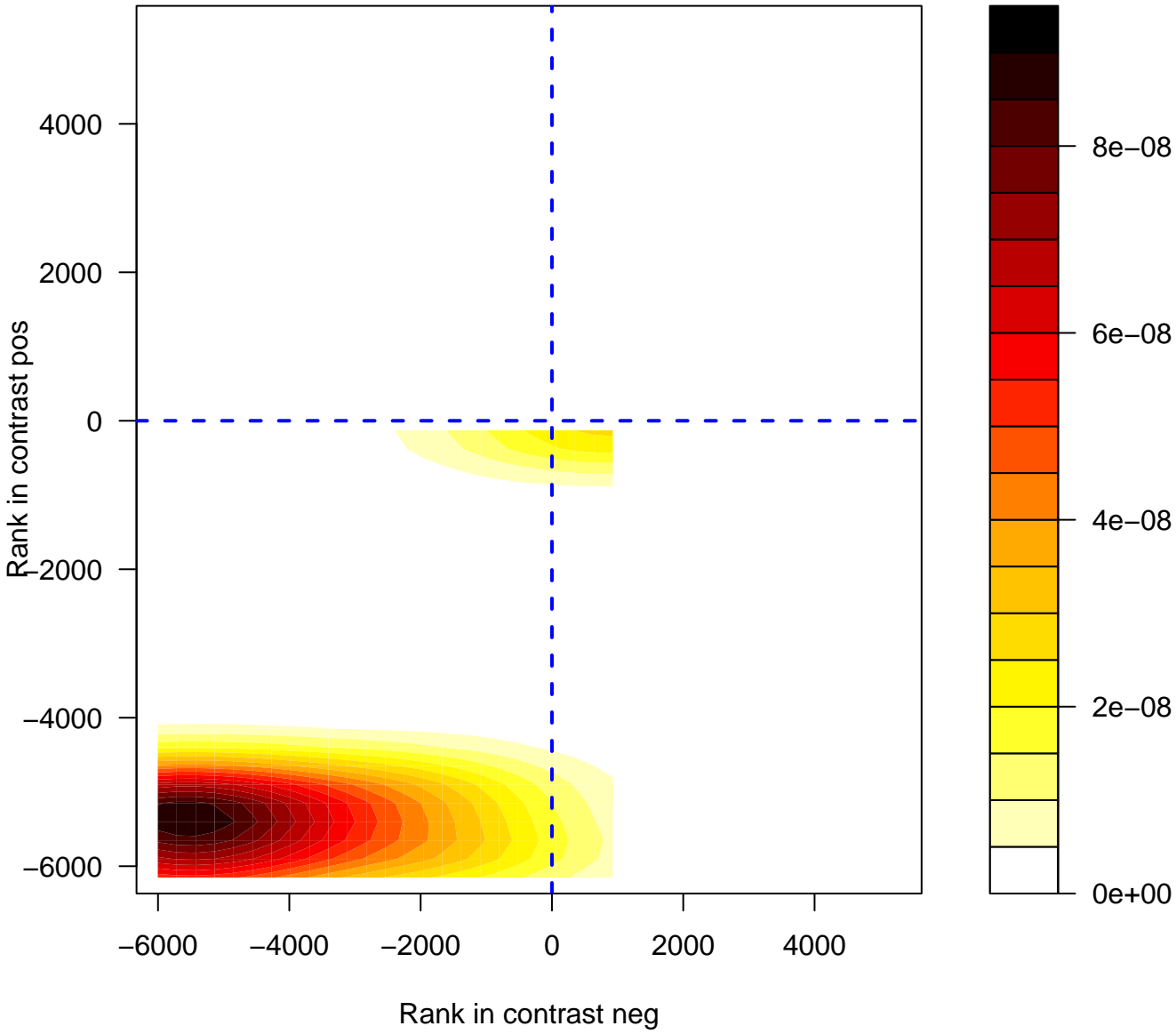
GOCC U4 SNRNP



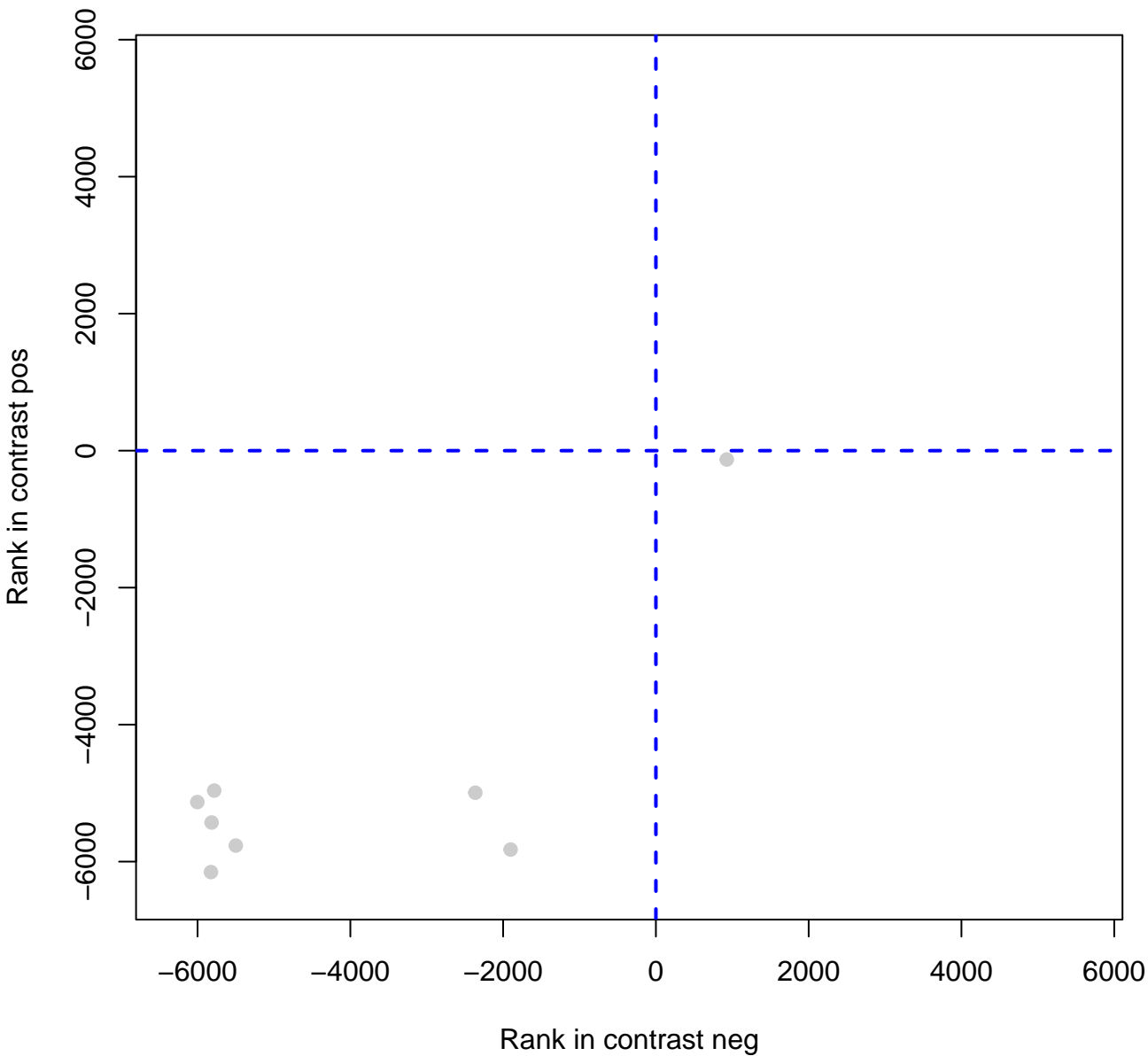
GOCC U4 SNRNP



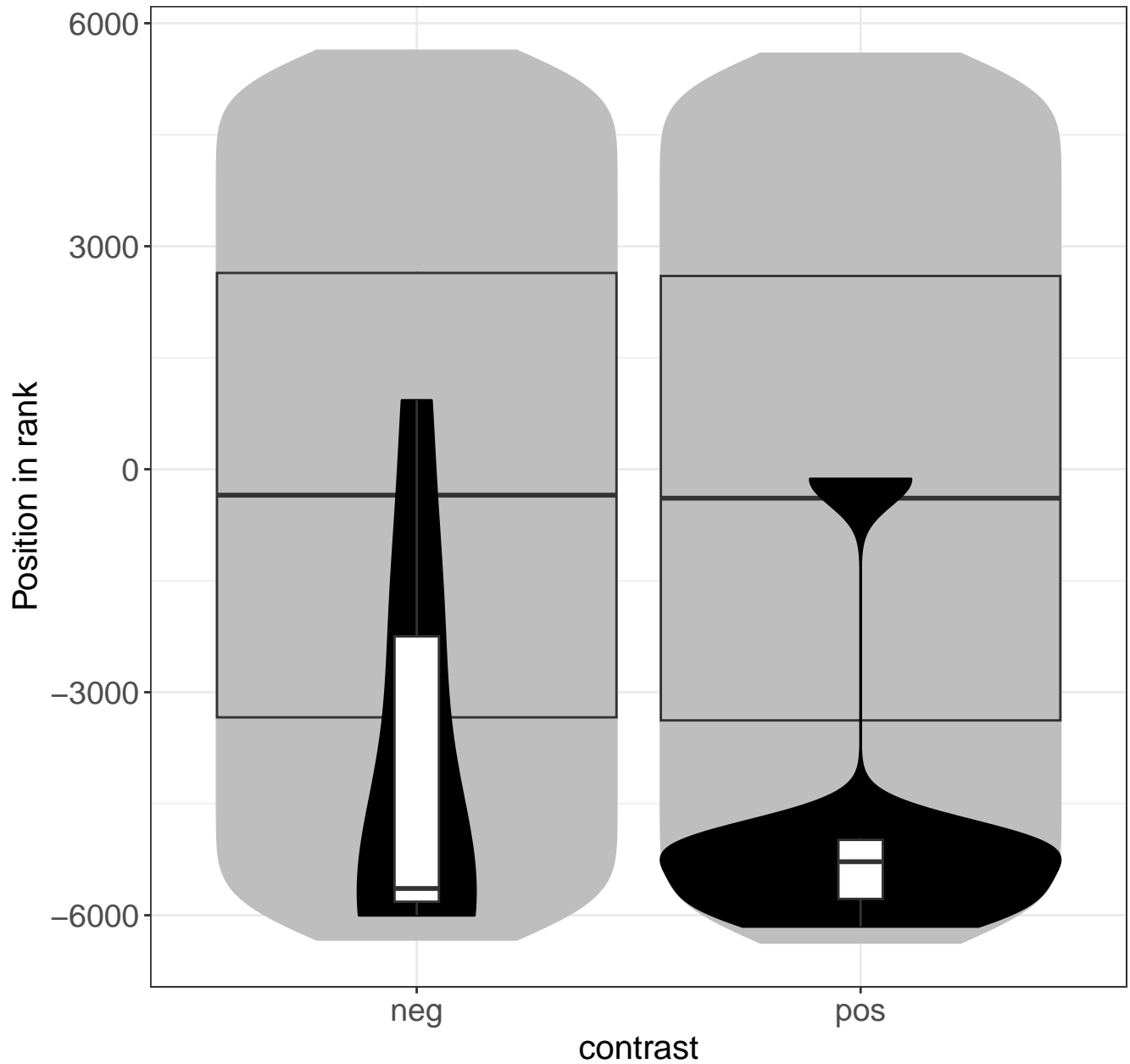
GOCC MHC CLASS I PEPTIDE LOADING COMPLEX



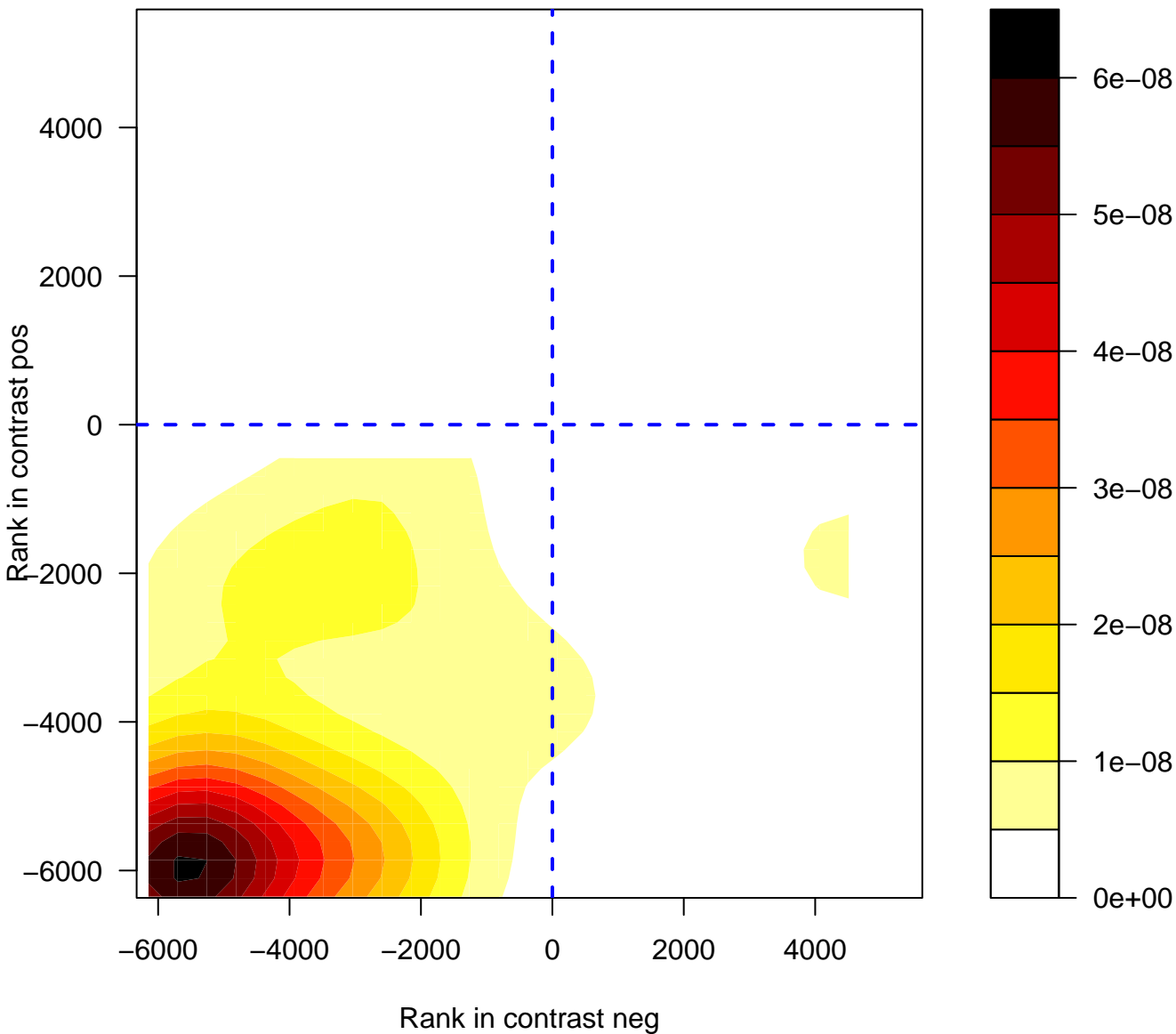
GOCC MHC CLASS I PEPTIDE LOADING COMPLEX



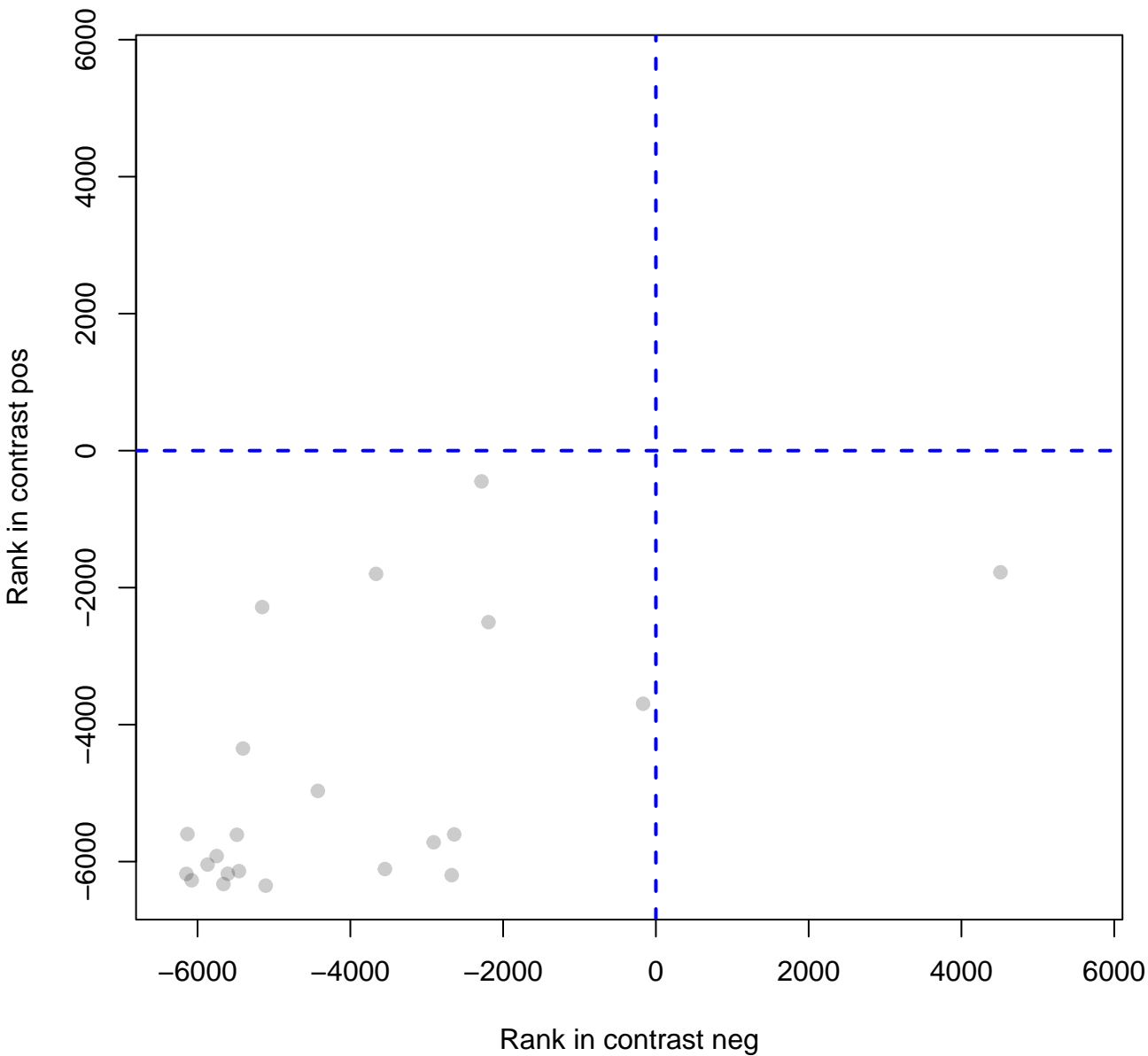
GOCC MHC CLASS I PEPTIDE LOADING COMP



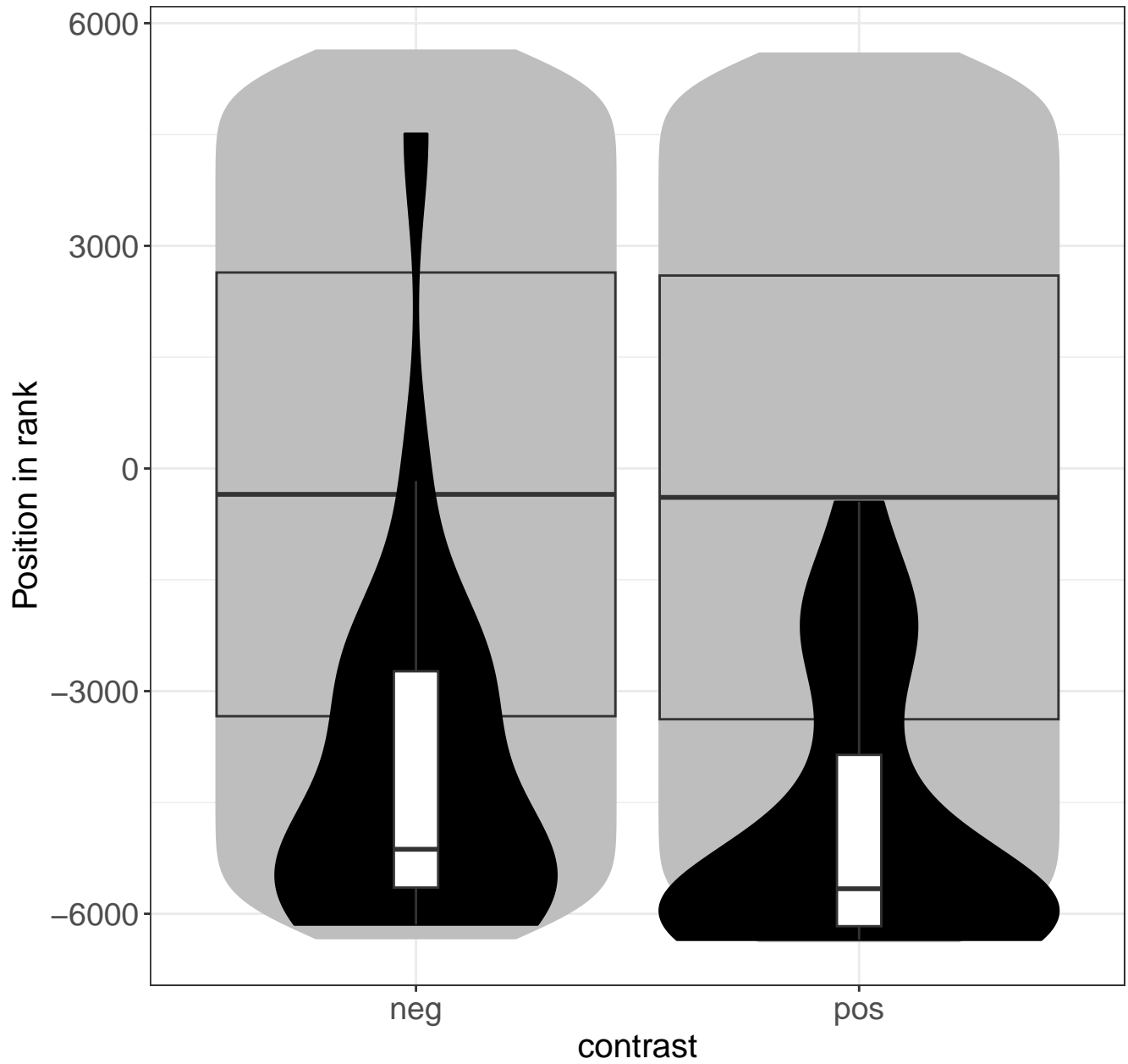
TRANSPORTING TWO SECTOR ATPASE COMPLEX PROTON T



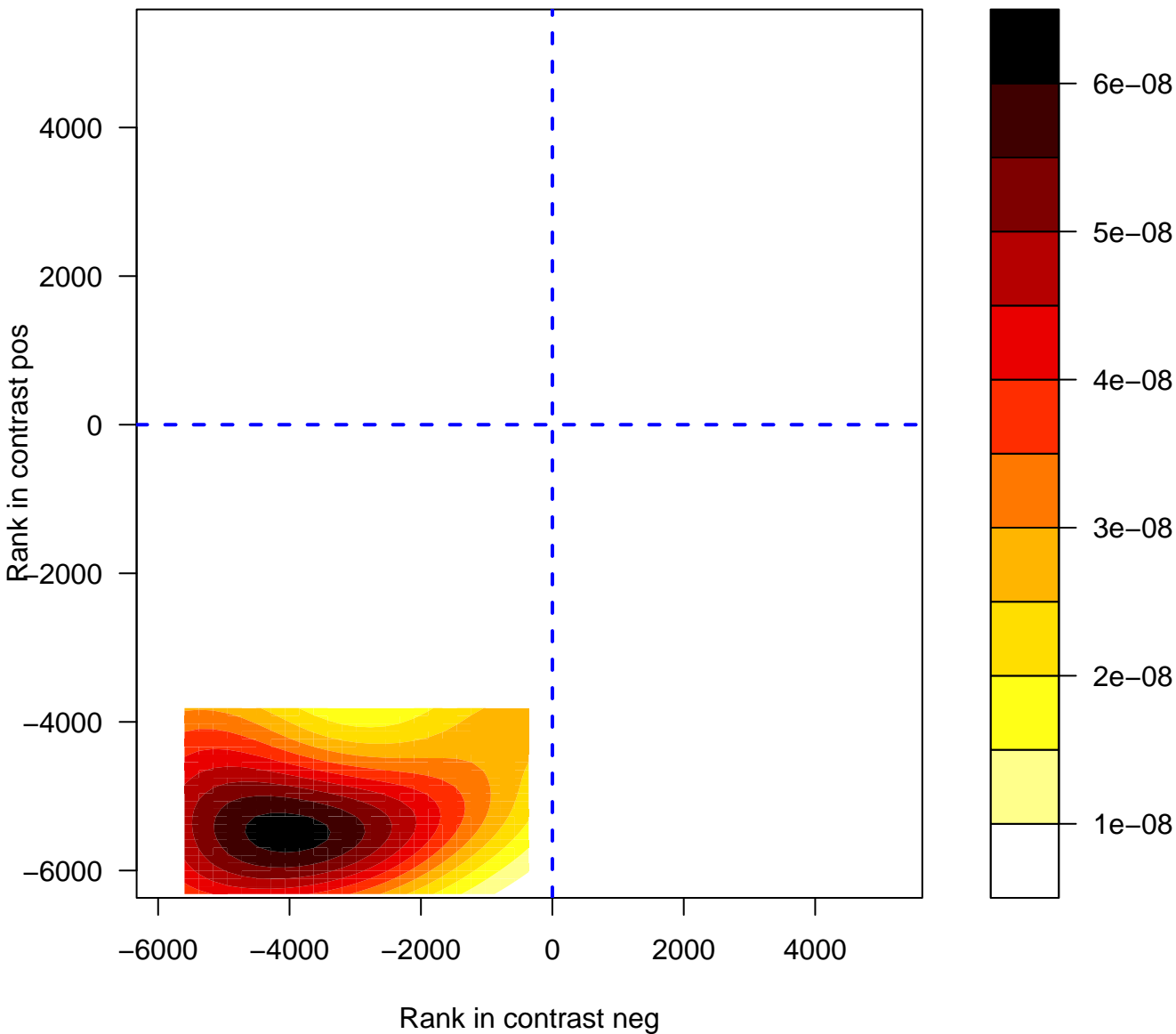
TON TRANSPORTING TWO SECTOR ATPASE COMPLEX PROTON TRANSPORT



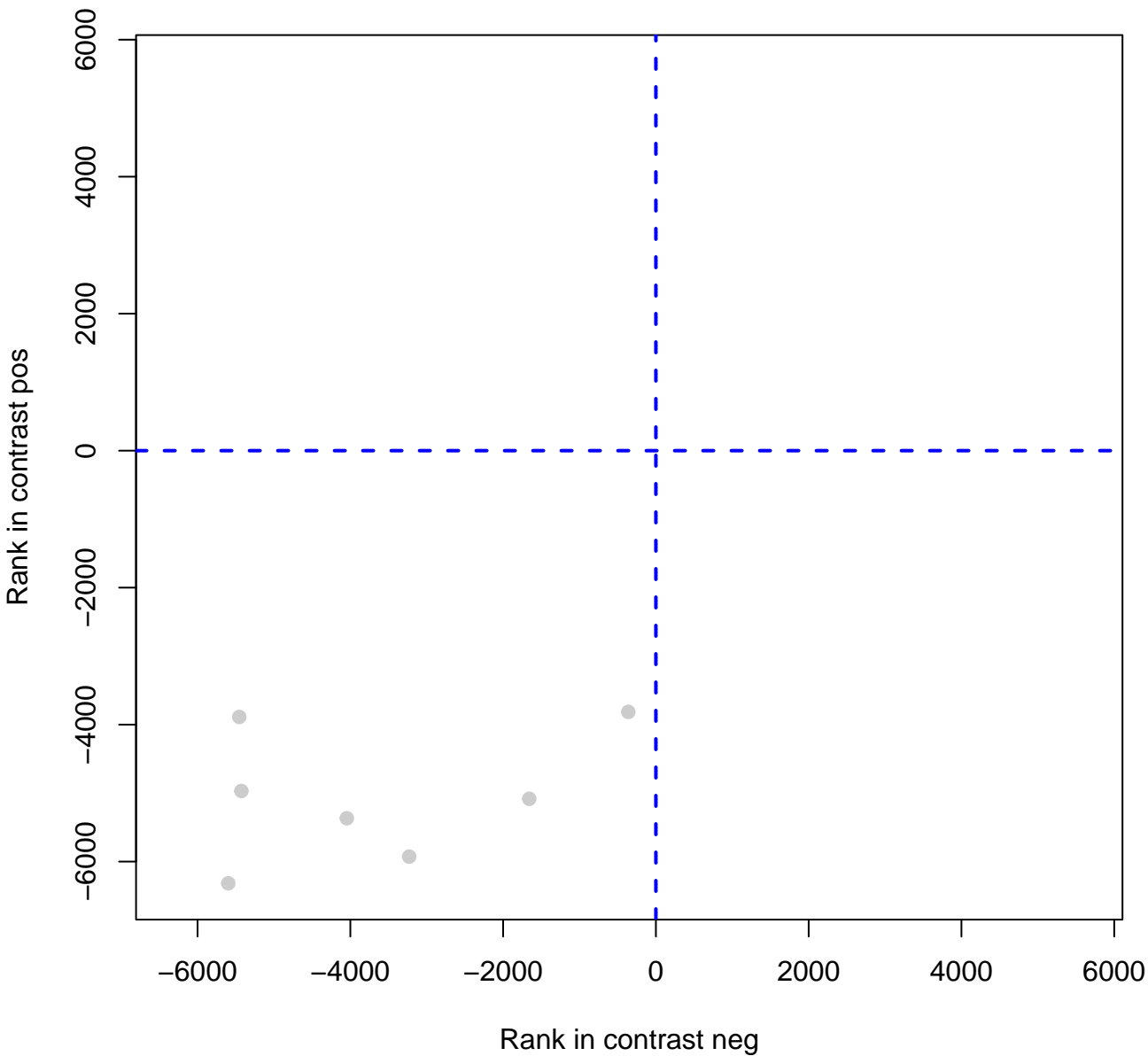
GOCC PROTON TRANSPORTING TWO SECTO



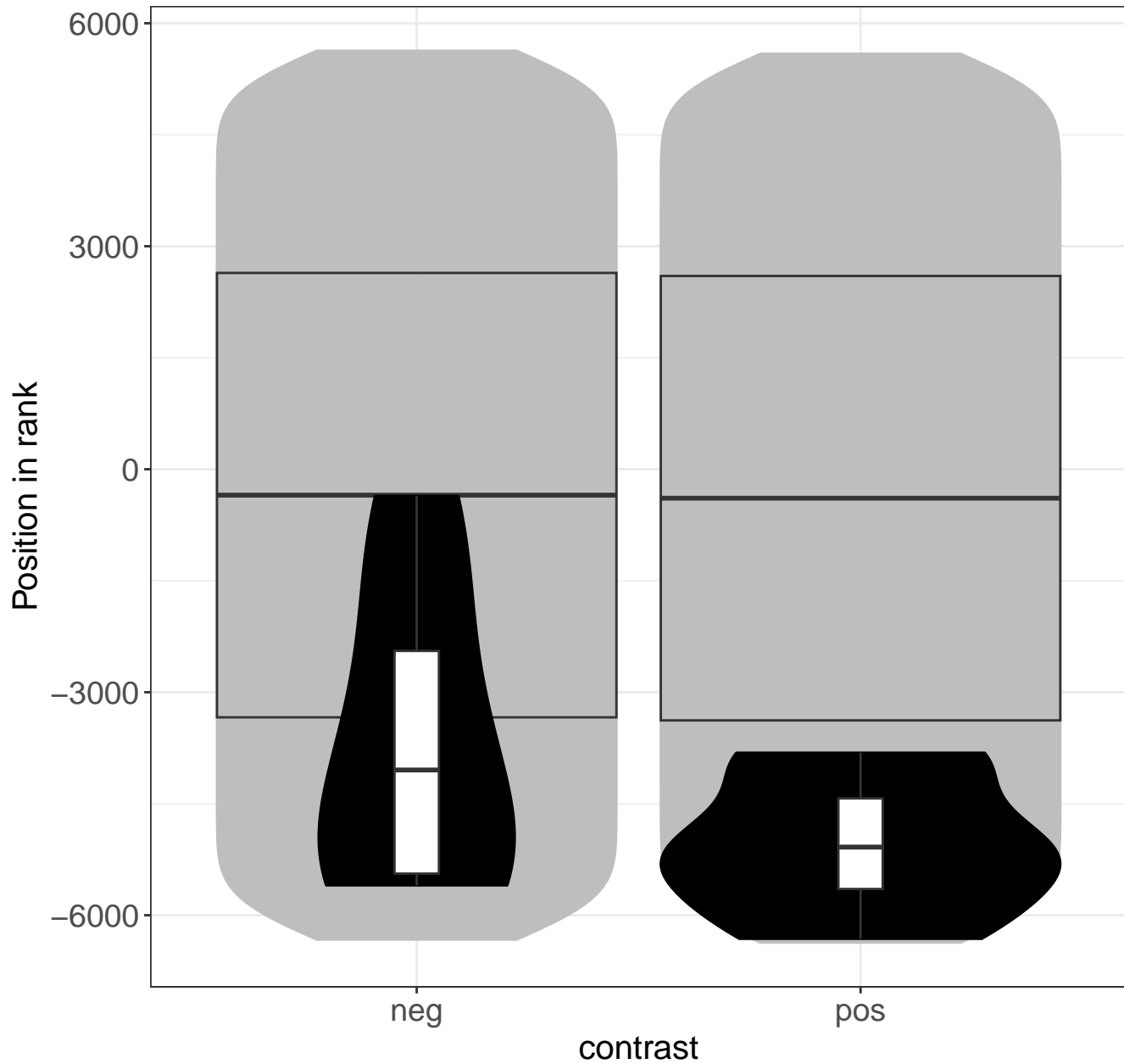
GOCC PTW PP1 PHOSPHATASE COMPLEX



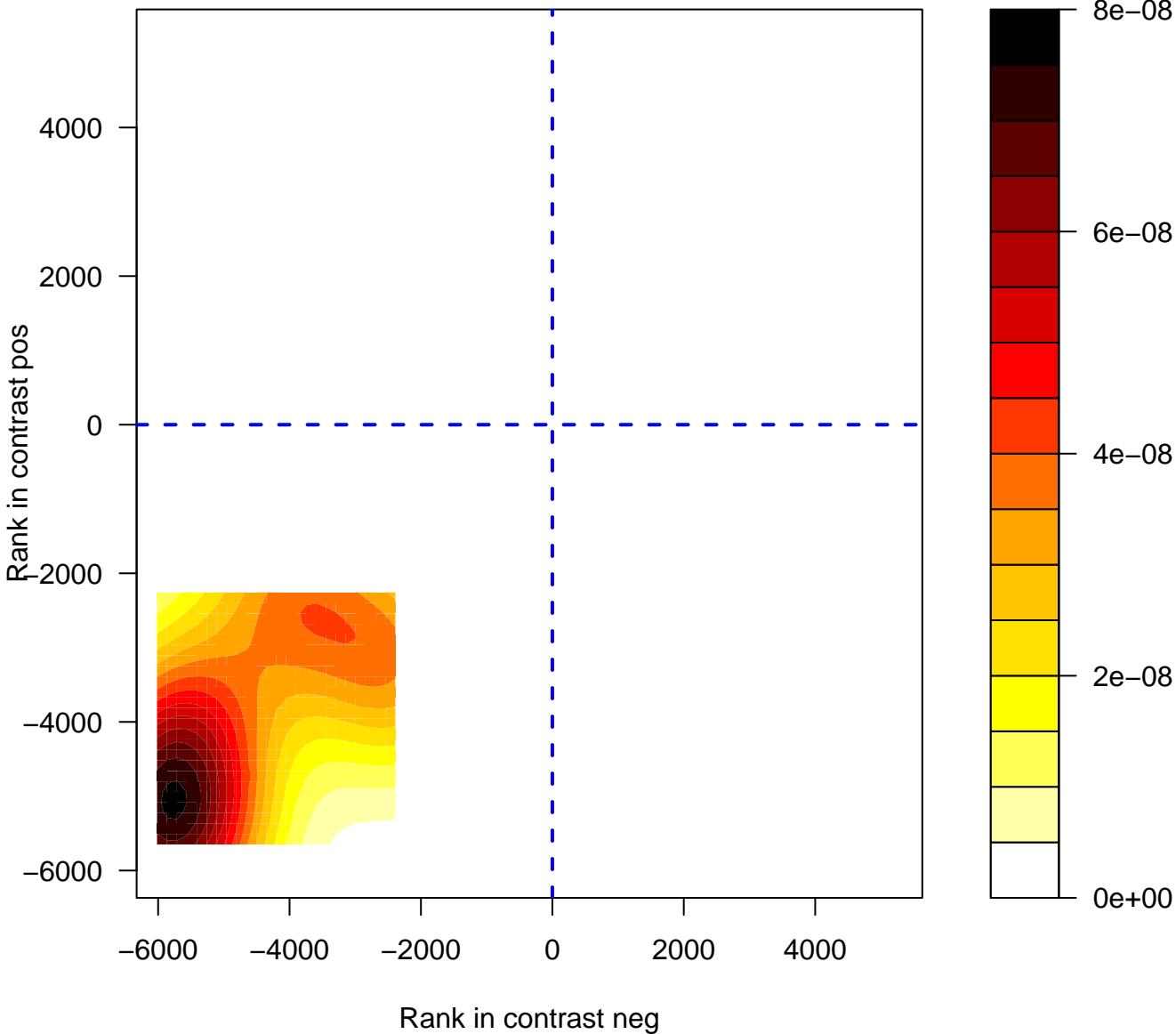
GOCC PTW PP1 PHOSPHATASE COMPLEX



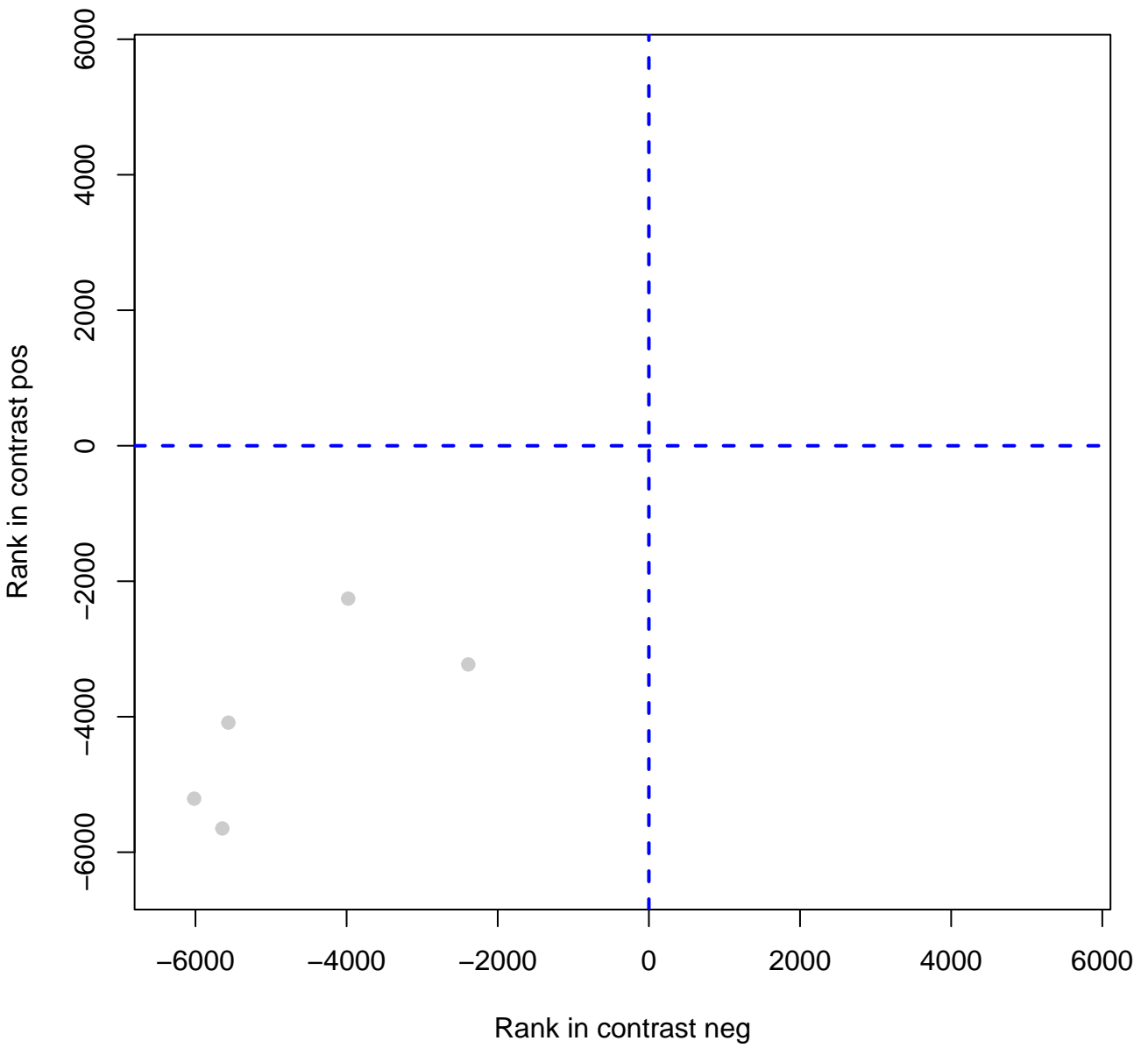
GOCC PTW PP1 PHOSPHATASE COMPLEX



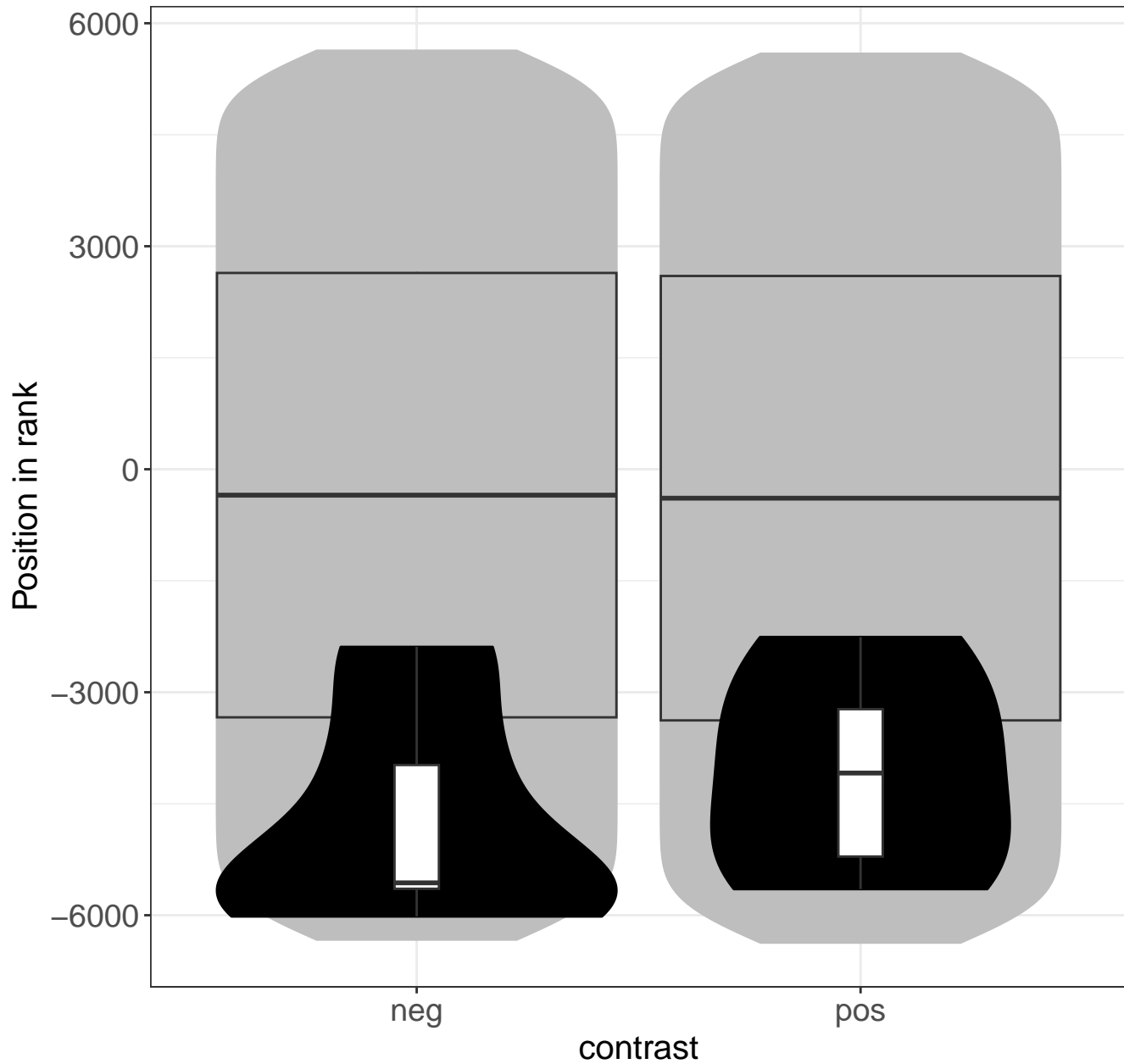
GOCC CALCINEURIN COMPLEX



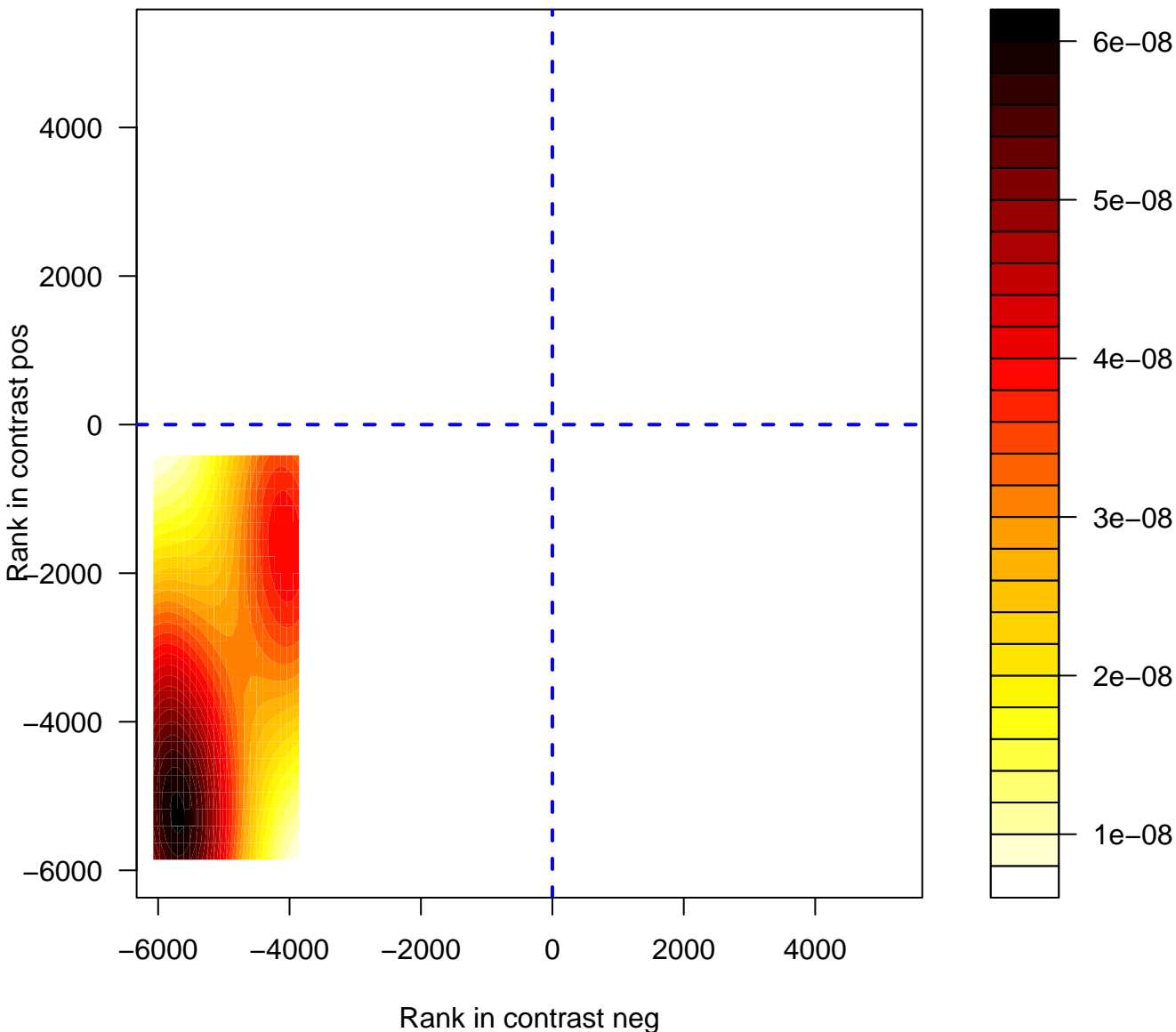
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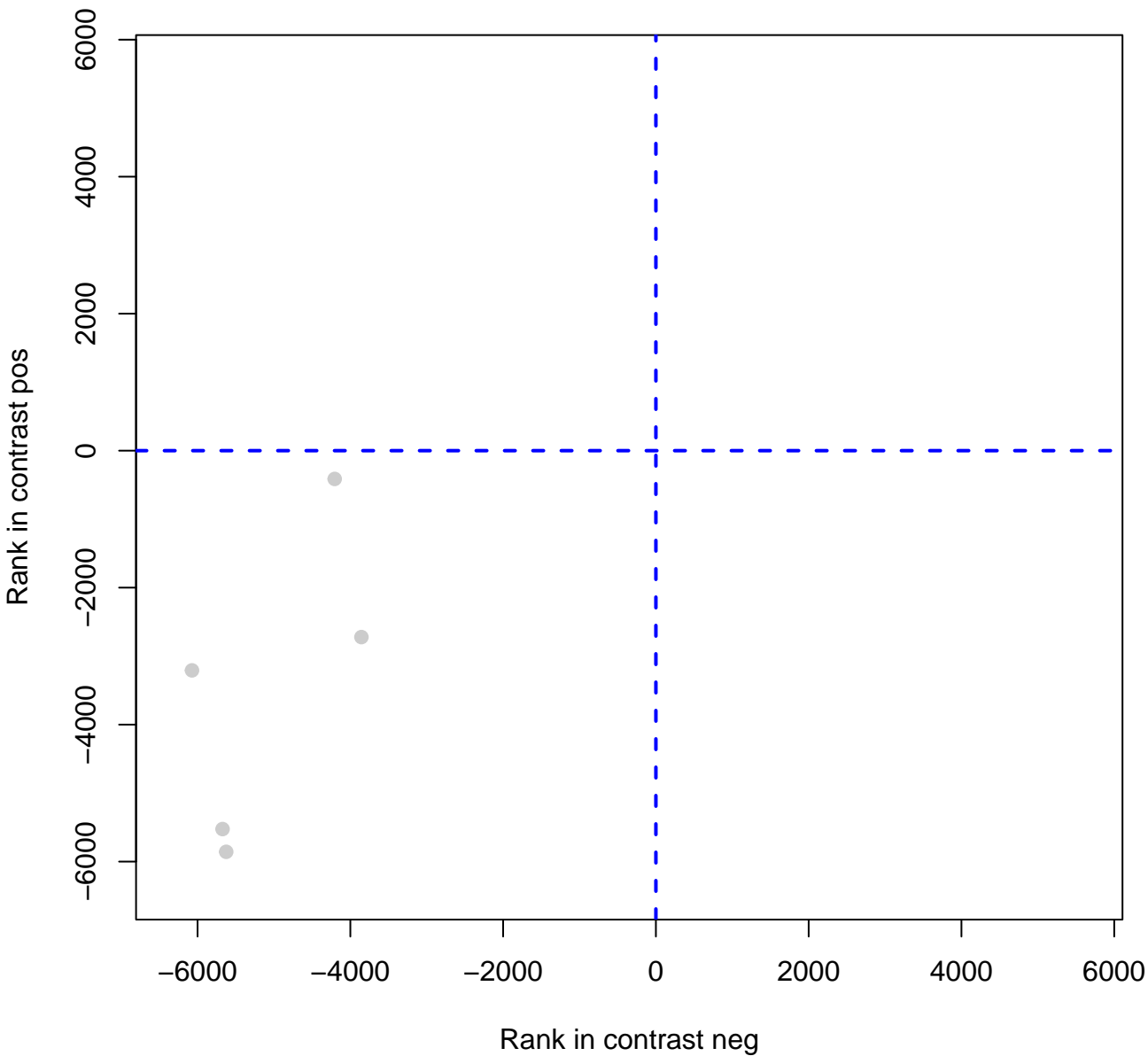
GOCC CALCINEURIN COMPLEX



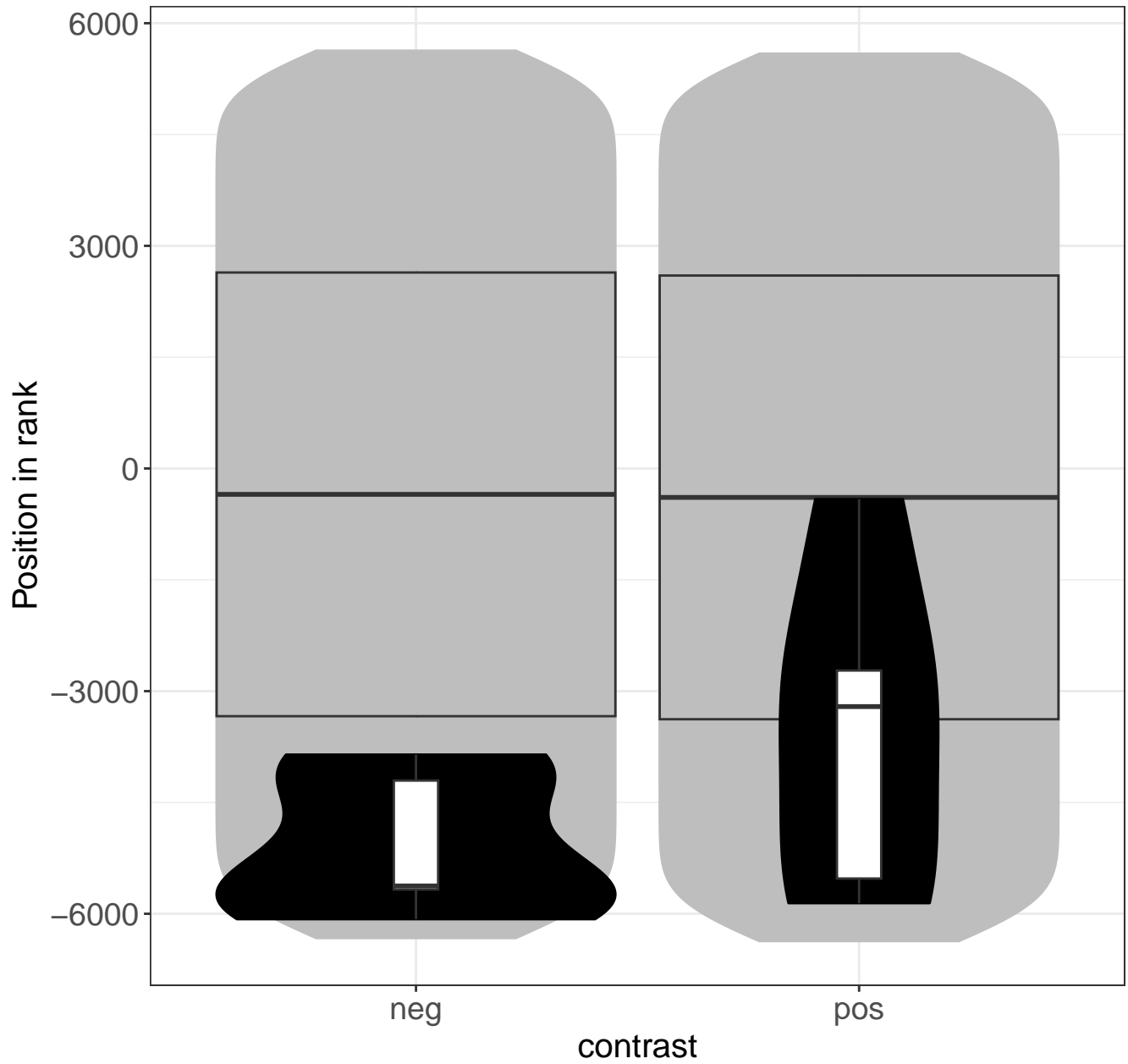
GOBP CELL SUBSTRATE JUNCTION DISASSEMBLY



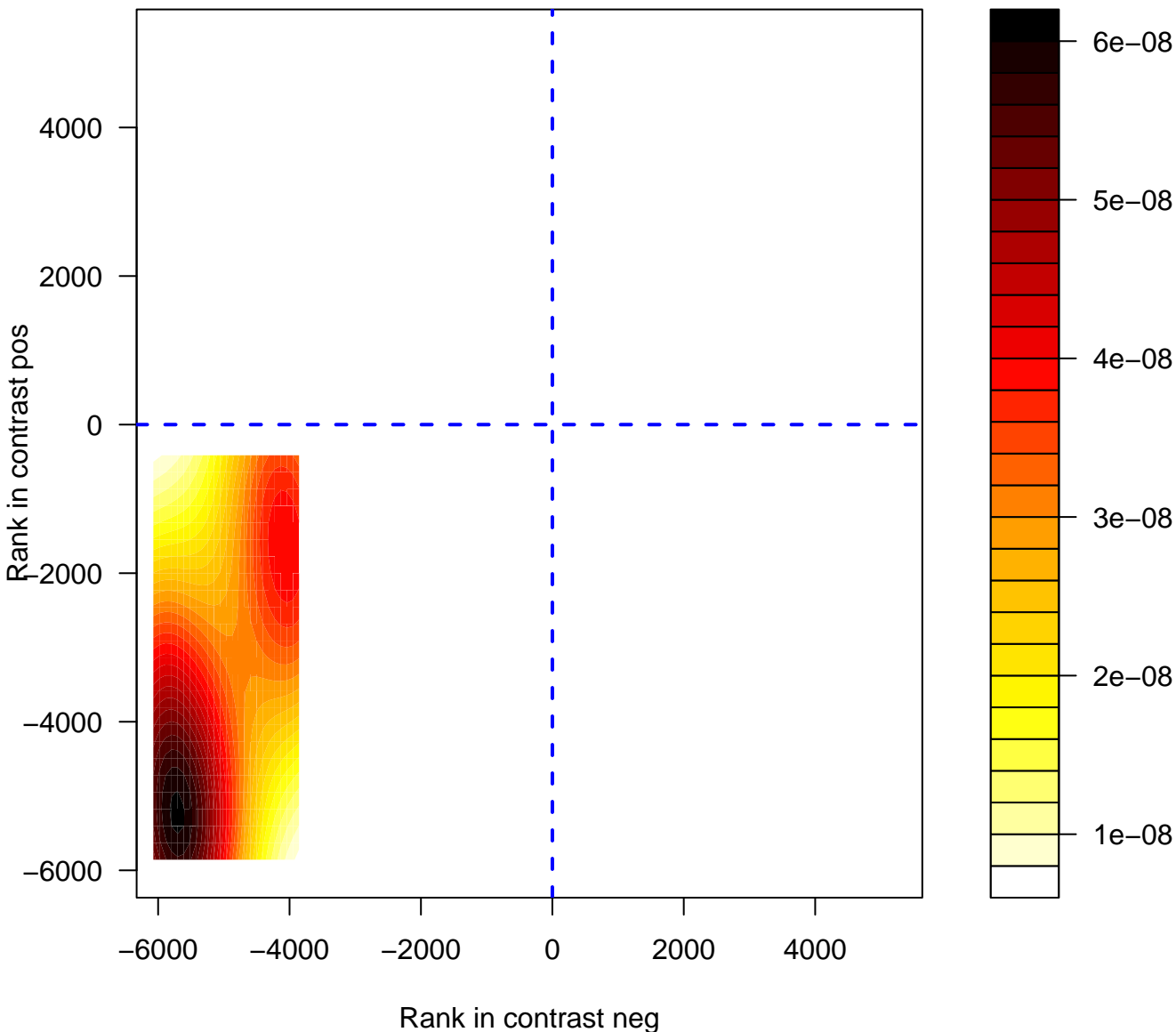
GOBP CELL SUBSTRATE JUNCTION DISASSEMBLY



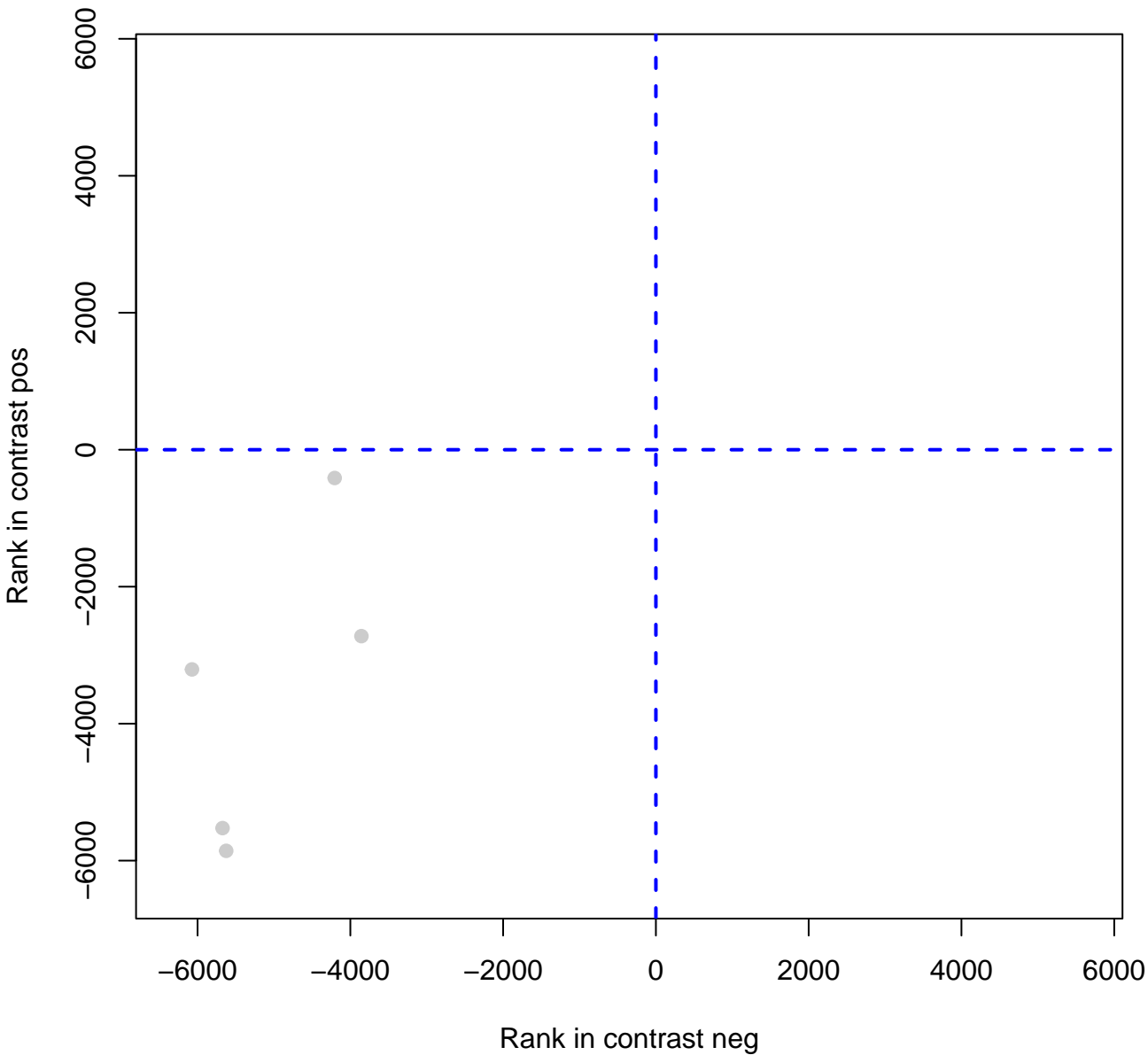
GOBP CELL SUBSTRATE JUNCTION DISASSE



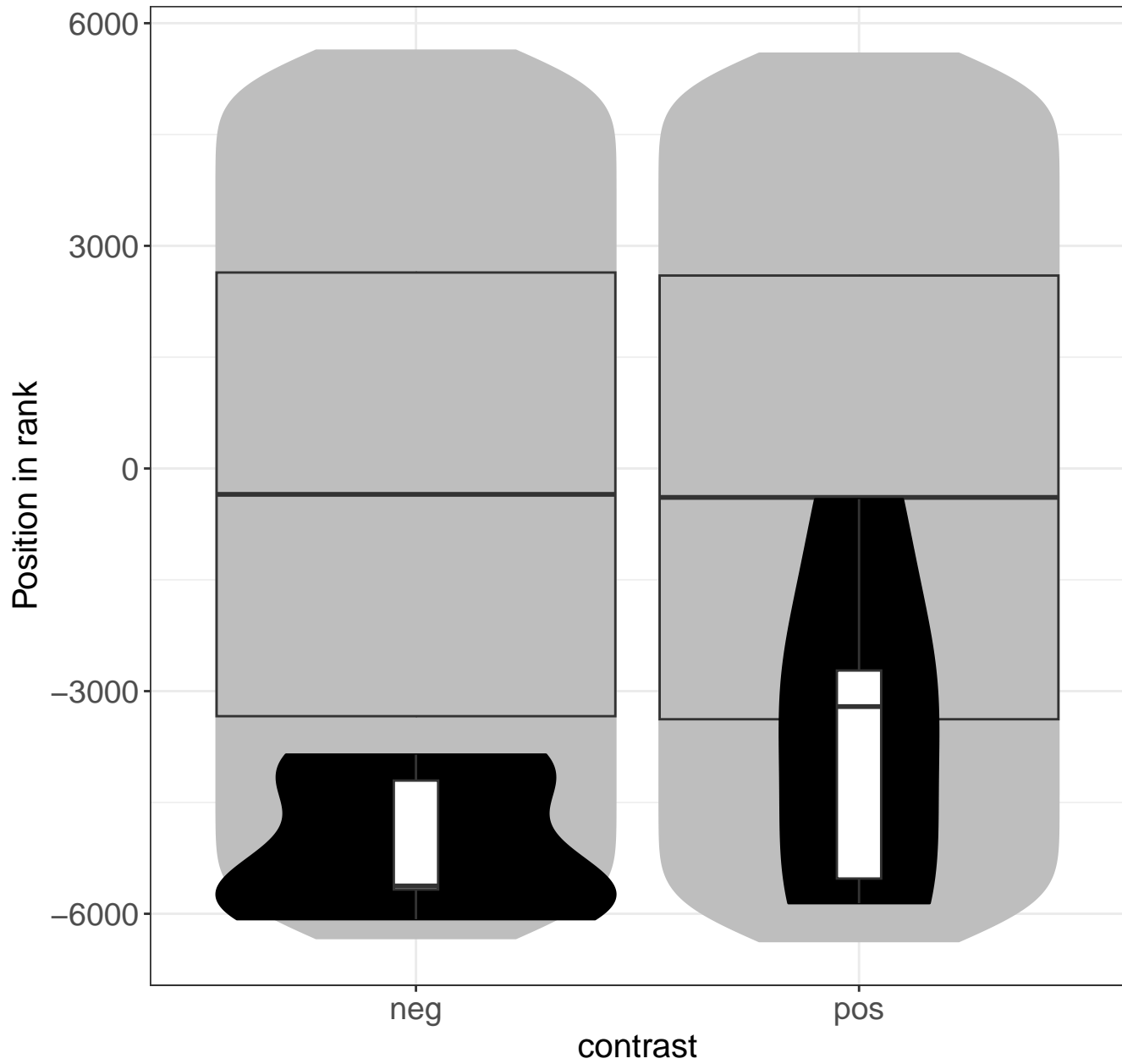
GOBP REGULATION OF FOCAL ADHESION DISASSEMB



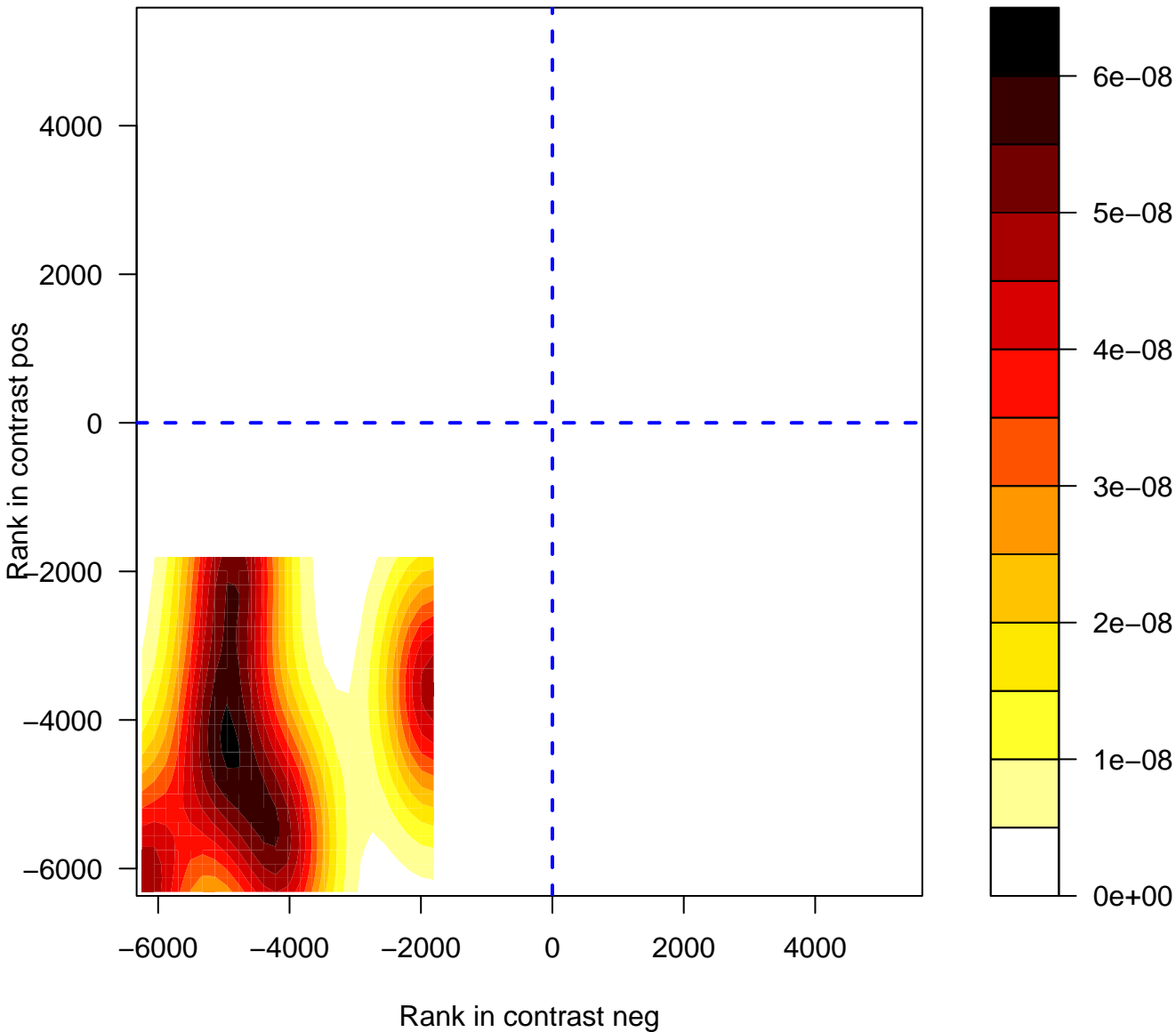
GOBP REGULATION OF FOCAL ADHESION DISASSEMBLY



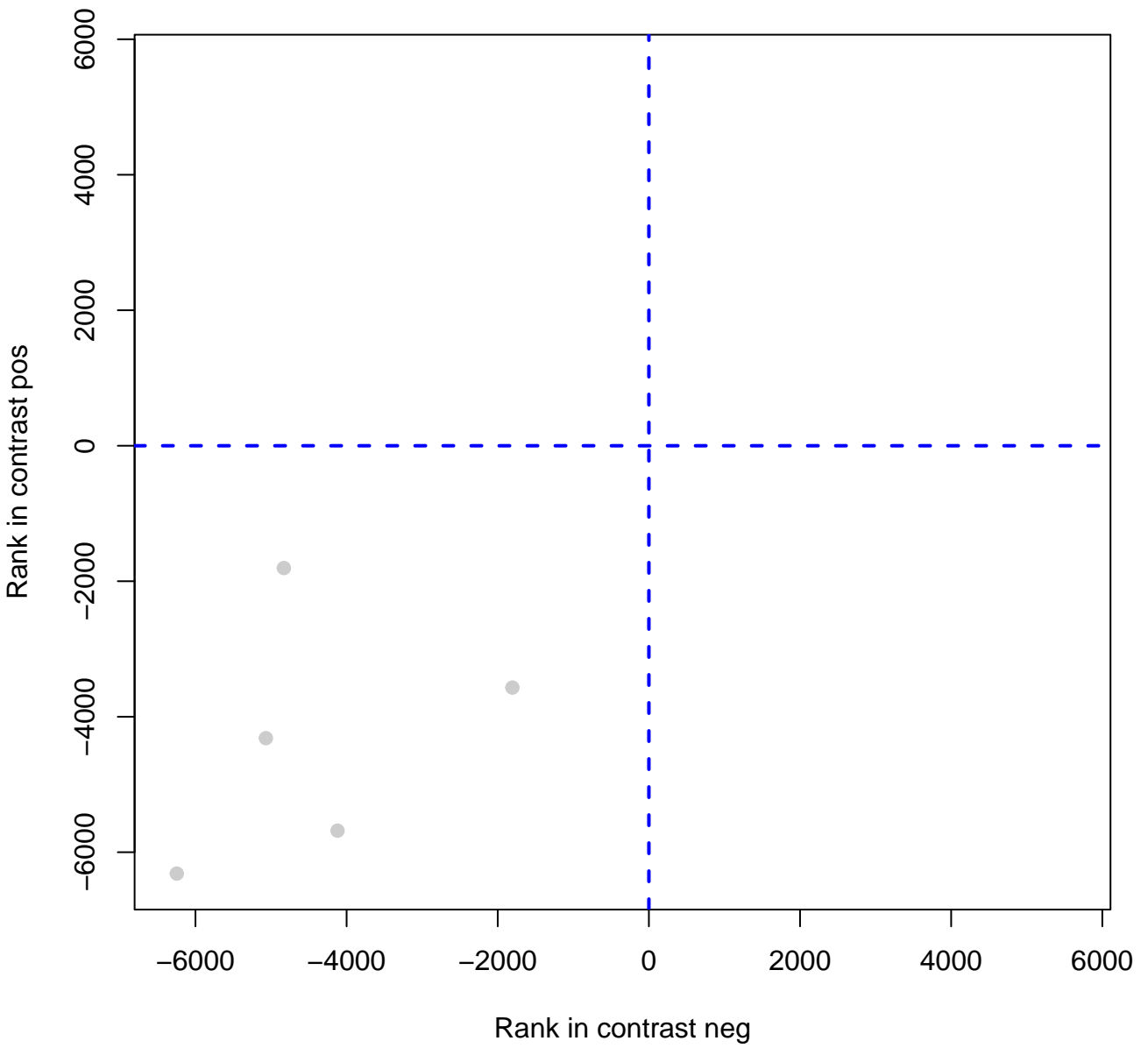
GOBP REGULATION OF FOCAL ADHESION DIS



SE SIGNAL TRANSDUCTION BY P53 CLASS MEDIATOR RES



RESPONSE SIGNAL TRANSDUCTION BY P53 CLASS MEDIATOR RESULTING I



GOBP REGULATION OF DNA DAMAGE RESPO

